



January 31, 2018

Mr. Joe Ghiold, Project Manager
Facility Management Branch
Hazardous Waste Section
Division of Waste Management
NC Department of Environmental Quality
1646 Mail Service Center
Raleigh, NC 27699-1646

**Re: Additional Investigation Report
Chemours Fayetteville Works
Fayetteville, North Carolina
EPA ID No. NCD 047 368 642**

Dear Mr. Ghiold:

Enclosed, please find a PDF copy of the *Additional Site Investigation Report* for the Chemours Fayetteville Works. This document reports the results of the *Additional Investigation Work Plan* submitted to your office on October 31, 2017. This work was performed in response to a notice of violation issued to The Chemours Company FC, LLC, on September 6, 2017, by the North Carolina Department of Environmental Quality (NCDEQ). In addition to this electronic submittal of the report (text, tables and figures), two hard copies of the full report that include a CD containing the full lab reports are being shipped to your office.

Chemours is pleased to provide this report on the results of the investigation and the initial conclusions drawn to date from these additional data. We want to emphasize that as we collect and analyze these and additional information and data, we recognize that our understanding will evolve and there may be additional findings, assessments and conclusions to share. Chemours will timely communicate new learnings and interpretations to DEQ and will continue to work to address these issues collaboratively with the agency.

As we continue to move through the investigation, corrective measures review and finally remedy selection process, we are working in parallel to identify any interim responses that could be quickly implemented, with special attention toward those which could potentially have positive impact on outfall 002.

If you have any questions or need additional information, please feel free to contact me at 704-560-6435.

Respectfully submitted,



Kevin Garon
Project Director
Chemours Corporate Remediation Group

cc: Christel Compton – Chemours Fayetteville Works
File

Enclosures

PARSONS

**ADDITIONAL SITE
INVESTIGATION REPORT
CHEMOURS FAYETTEVILLE WORKS SITE
RCRA PERMIT NO. NCD047368642-R1**

Prepared for:

The Chemours Company FC, LLC
Corporate Remediation Group
22828 NC Highway 87 W
Fayetteville, NC 28306-7332

Prepared by:

PARSONS
4701 Hedgemore Drive
Charlotte, NC 28209

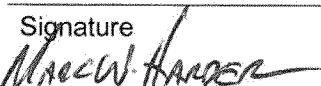
January 31, 2018

Chemours PN 504639
Parsons PN 449338

This page intentionally left blank

PROFESSIONAL SIGNATURES AND SEALS

Professional Geologist

Professional Geologist:	Geologist License number:	Expiration date:
Marc W. Harder	1763	6/30/2018
Signature:	Date:	
	1/26/2018	
Telephone number:	FAX number:	E-mail:
(704) 558-4199	(704) 558-4139	Marc.Harder@parsons.com

DOCUMENT: Additional Investigation Report, Chemours Fayetteville Works Site, RCRA Permit No. NCD047368642-R2

Seals, as applicable:



This page intentionally left blank

TABLE OF CONTENTS

1.0	Introduction	1
1.1	Site Background.....	1
1.1.1	Plant Site Operations.....	2
1.1.2	Regulatory History	2
1.2	Corrective Action	3
1.3	Approach, Goals, and Objectives of Additional Site Investigation	3
2.0	Groundwater and Soil Investigation Results	5
2.1	Data Verification and Validation.....	5
2.2	Site-Wide Groundwater Monitoring	6
2.3	Site-wide Soil Sampling.....	7
3.0	Hydrogeologic Investigation Results	9
3.1	Hydrogeologic Unit Delineation.....	9
3.2	Hydrogeologic Testing.....	10
4.0	Updated Site Conceptual Model.....	13
4.1	Physical Setting.....	13
4.1.1	Regional Physical Setting	13
4.1.2	Local Physical Setting.....	13
4.2	PFAS Sources and Distribution in Environmental Media.....	16
4.2.1	PFAS Distribution in Soil.....	16
4.2.2	PFAS Distribution in On-Site Groundwater.....	17
4.2.3	PFAS Distribution in Surface Water.....	17
5.0	Conclusions and Path Forward.....	19
6.0	References	21

FIGURES

Figure 1	Site Location Map
Figure 2	Site Layout Map
Figure 3	Perched Water Zone Potentiometric Map
Figure 4	Perched Water Thickness Map
Figure 5	Surficial Aquifer Potentiometric Map
Figure 6	Black Creek Aquifer Potentiometric Map

Figure 7	Perched Water Zone HFPO-DA Concentrations
Figure 8	Surficial Aquifer HFPO-DA Concentrations
Figure 9	Black Creek Aquifer HFPO-DA Concentrations
Figure 10	Perched Water Zone PFAS Detected Concentrations
Figure 11	Surficial Aquifer PFAS Detected Concentrations
Figure 12	Black Creek Aquifer PFAS Detected Concentrations
Figure 13	Leachable HFPO-DA and PFAS Concentrations in Surface Soil
Figure 14	Cross Section Location Map
Figure 15	North-South Cross Section Map (A-A')
Figure 16	West-East Cross Section Map (B-B')

TABLES

Table 1	Target Compounds – List 1
Table 2	Target Compounds – List 2
Table 3	Monitoring Well Gauging Results
Table 4a	Perched Zone Water PFAS – List 1 Concentrations
Table 4b	Perched Zone Water PFAS – List 2 Concentrations
Table 5a	Surficial Aquifer PFAS – List 1 Concentrations
Table 5b	Surficial Aquifer PFAS – List 2 Concentrations
Table 6a	Black Creek Aquifer PFAS – List 1 Concentrations
Table 6b	Black Creek Aquifer PFAS – List 2 Concentrations
Table 7a	State Wells PFAS – List 1 Concentrations
Table 7b	State Wells PFAS – List 2 Concentrations
Table 8a	Soil Leachate PFAS – List 1 Concentrations
Table 8b	Soil Leachate PFAS – List 2 Concentrations
Table 9	Soil Total PFAS – List 1 Concentrations

APPENDICES

Appendix A	Laboratory Analytical Reports
Appendix B	Boring Logs
Appendix C	Hydrogeologic Testing Analysis Reports

ACRONYMS

Acronym	Definition / Description
ADQM	Analytical Data Quality Management
AOC	Area of concern
APFO	Ammonium Perfluorooctanoate
bgs	Below ground surface
Chemours	The Chemours Company FC, LLC
CMS	Corrective Measures Study
COC	Constituent of concern
DuPont	E. I. du Pont de Nemours and Company
DVM	Data Verification Module
FEP	Fluorinated ethylene propylene
ft/d	Foot/feet per day
gpm	Gallons per minute
HFPO-DA	Hexafluoropropylene oxide dimer acid
HH&E	Human health and the environment
MDL	Method detection limit
MSL	Mean sea level
MS/MSD	Matrix spike/ Matrix spike duplicate
NCAC	North Carolina Administrative Code
NCDENR	North Carolina Department of Environmental and Natural Resources
NCDEQ	North Carolina Department of Environmental Quality
NCDHHS	North Carolina Department of Health & Human Services
NCGS	North Carolina Geological Survey
ng/kg	Nanogram(s) per kilogram
ng/L	Nanogram(s) per liter
NPDES	National Pollutant Discharge Elimination System
PFAS	Poly- and perfluoroalkyl substances
PMDF	Polymer Manufacturing Development Facility
PPA	Polymer Processing Aid (also polyphthalamide)
PVC	Polyvinyl chloride
PVF	Polyvinyl fluoride
QC	Quality control
RCRA	Resource Conservation and Recovery Act
RFI	RCRA Facility Investigation
RL	Reporting Limit
RPD	Relative percent difference
SCM	Site conceptual model
Site	Fayetteville Works Facility

Acronym	Definition / Description
SOP	Standard operating procedure
SPLP	Synthetic Precipitation Leaching Procedure
SWMU	Solid waste management unit
USEPA	U. S. Environmental Protection Agency
WWTP	Wastewater treatment plant

EXECUTIVE SUMMARY

Parsons has prepared this Additional Site Investigation Report on behalf of The Chemours Company FC, LLC (Chemours) for the Fayetteville Works facility located near Duart Township in Bladen County, North Carolina (the Site).

On June 21, 2017, the North Carolina Department of Environmental Quality (NCDEQ) requested Chemours perform supplemental sampling of monitoring wells at the Site. Based on the analytical results of this sampling, NCDEQ issued Chemours a notice of violation (Notice) on September 6, 2017. The Notice required Chemours to meet the requirements of Title 15A of the North Carolina Administrative Code, Subchapter 02L, Section .0106 (15A NCAC 02L.0106), which specifies corrective action for groundwater. In response to subsequent discussions with NCDEQ, Chemours submitted a work plan for additional site assessment under 15A NCAC 02L.0106(g) on October 31, 2017. This investigation was conducted during November and December 2017, and supplements the Resource Conservation and Recovery Act Facility Investigation (RFI) that was previously conducted at the Site.

The additional information collected during this investigation will assist in making decisions in support of the overall Site corrective action goals and will support an eventual corrective measures study (CMS). The constituents of concern (COCs) investigated were the 16 poly- and perfluoroalkyl substances (PFAS) listed in Table 1 (hereafter referred to as List 1-PFASs) and the 10 PFASs listed in Table 2 (hereafter referred to as List 2-PFASs) (collectively, List 1-PFASs and List 2-PFAS are referred to as "Target PFAS"). Initial data on Target PFAS presence in soil, groundwater, and surface water were obtained through execution of investigation work plans performed between July and September 2017. Completion of the current site assessment was accomplished by collecting site-specific data to better define the nature and extent of Target PFAS distribution in environmental media (due to releases from industrial processes, regulated units, solid waste management units, or other sources). Hydrogeologic data were also collected that can be used to predict the fate and transport of the PFAS in the environment.

Investigations results indicate that Target PFAS releases to environmental media from primary sources (e.g., wastewater conveyances, industrial process activities) have resulted in secondary sources present in environmental media. These secondary sources are present in on-site soil and groundwater (Perched Zone water, Surficial Aquifer groundwater, and Black Creek Aquifer groundwater) and off-site Surficial Aquifer groundwater. The distribution of detected Target PFAS in soil would appear to suggest air deposition is the primary source (in areas away from ditches). Although leaching of Target PFASs could lead to some of the detected groundwater concentrations, the higher groundwater concentrations are likely the result of leakage from stormwater and wastewater conveyance ditches. The observed distribution in the aquifers appears to result from Target PFAS migration with natural groundwater flow. Detection of Target PFAS in the surface water of Willis Creek, Georgia Branch, and the Cape Fear River suggests probable migration of these groundwater secondary sources to these surface waters. However, sampling has suggested there are upstream sources in the Cape Fear River for some of the Target PFASs. A conceptual level water balance-based mass flux estimate indicates that HFPO-DA in groundwater discharging to the river would not alone result in river water HFPO-DA concentrations at or above 140 nanograms per liter (ng/L).

Lithologic logging of newly installed wells (including deeper Black Creek Aquifer wells), along with hydrogeologic testing of the saturated portion of the Perched Zone and the Surficial Aquifer, allowed for refinement of the Site Conceptual Model (SCM). This, in turn, will facilitate

more accurate prediction of Target PFAS fate and transport in the environment during development of corrective action alternatives, including the feasibility study to be provided to NCDEQ by February 28, 2018 and the remedial plan to be provided March 31, 2018. In addition, the SCM will be updated to include, as appropriate, data from the ongoing stormwater investigation, and the results of Chemours' ongoing evaluation of interim control measures.

The path forward for corrective action at the Site is next to perform a feasibility study addressing remedial alternatives for on-site Target PFAS secondary sources. Chemours is evaluating how these secondary sources may be contributing to exposure or pathways of concern and will propose remedial alternatives to address those sources of concern in the forthcoming Feasibility Report. Chemours has already undertaken (or committed to undertake) numerous actions to identify, evaluate, remove, treat, mitigate, or control various on-site primary Target PFAS sources (as documented in the January 15, 2018, letter to NCDEQ).

1.0 INTRODUCTION

Parsons has prepared this Additional Site Investigation Report on behalf of The Chemours Company FC, LLC (Chemours) for the Fayetteville Works facility located near Duart Township in Bladen County, North Carolina (the Site).

On June 21, 2017, the North Carolina Department of Environmental Quality (NCDEQ) requested Chemours perform supplemental sampling of monitoring wells at the Site. Based on the analytical results of this sampling, NCDEQ issued Chemours a notice of violation (Notice) on September 6, 2017. The Notice required Chemours to meet the requirements of Title 15A of the North Carolina Administrative Code, Subchapter 02L, Section .0106 (15A NCAC 02L.0106), which specifies corrective action for groundwater. In response to subsequent discussions with NCDEQ, Chemours submitted a work plan for additional site assessment under 15A NCAC 02L.0106(g) on October 31, 2017. This investigation was conducted during November and December 2017 and supplements the Resource Conservation and Recovery Act (RCRA) Facility Investigation (RFI) that was previously conducted at the Site.

This report is organized into six sections, including this Introduction, which presents site background information and corrective action approach. Section 2.0 presents the groundwater and soil investigation results from the additional site investigation, while Section 3.0 presents the hydrogeologic investigation results. Section 4.0 presents an update to the Site Conceptual Model (SCM) and discusses contaminant sources and distribution in environmental media. Section 5.0 presents the conclusions and path forward. Section 6.0 lists the references cited in the text.

1.1 Site Background

The Site is located on NC Highway 87, 15 miles southeast of the City of Fayetteville, and south of the Bladen-Cumberland county line. The Site encompasses 2,177 acres of relatively flat undeveloped open land and woodland bounded on the east by the Cape Fear River, on the west by NC Highway 87, and on the north and south by farmland (Figure 1).

E.I. du Pont de Nemours and Company (DuPont) purchased the property in parcels from several families in 1970. The Site's first manufacturing area was constructed in the early 1970s. Currently, the Site manufactures plastic sheeting, fluorochemicals, and intermediates for plastics manufacturing. A former manufacturing area, which was sold in 1992, produced nylon strapping and elastomeric tape.

DuPont sold its Butacite® and SentryGlas® manufacturing units to Kuraray America Inc. in June 2014. In July 2015, DuPont separated its specialty chemicals business into a new publicly-traded company named The Chemours Company FC, LLC, as of July 1, 2015. With this separation, Chemours became the owner of the entire 2,177 acres of the Fayetteville Works along with the Fluoromonomers, Nafion® membranes, and PPA¹ manufacturing units. The polyvinyl fluoride (PVF) resin manufacturing unit remained with DuPont.

In addition to the manufacturing operations, Chemours operates two natural gas-fired boilers and a wastewater treatment plant (WWTP) for the treatment of process and sanitary wastewaters from Chemours, Kuraray, and DuPont. Hazardous wastes generated from the Chemours' manufacturing processes and laboratories are currently

¹ PPA – Polymer Processing Aid

managed at the permitted Hazardous Waste Container Storage Area, in four permitted hazardous waste tanks, and at the 90-day ignitable waste accumulation area prior to being shipped offsite for treatment, disposal, or recycling.

1.1.1 Plant Site Operations

Figure 1 depicts the location of the Chemours Fayetteville Works facility on an excerpt of the United States Geological Survey topographic map of the area. The site layout is depicted on Figure 2. The Site consists of five main manufacturing areas, one former manufacturing area, and two support areas as summarized in the table below:

Area	Description
Main Manufacturing Areas	
Chemours Fluoromonomers and Nafion® Membrane	Manufactures Nafion® fluoropolymer membrane for electronic cells and various fluorochemicals used for Nafion® membrane, Teflon® fluoropolymer, Viton® elastomers, and other fluorinated products.
Chemours Polymer Processing Aid (PPA)	Manufactures a fluorochemical that is used as a processing aid for off-site fluoropolymer manufacturing. This area formerly manufactured ammonium perfluorooctanoate (APFO). (Note: The last date of APFO production at the Site was April 28, 2013. Although APFO was manufactured in this area, it was never used in any of the other manufacturing facilities at the Site.)
Kuraray Butacite®	Manufactures Butacite® polyvinyl butyral sheeting and polyvinyl butyral resin for automotive and architectural safety glass.
Kuraray SentryGlas®	Manufactures SentryGlas® structural interlayer for automotive and architectural safety glass (previous location of now defunct Dymetrol® nylon strapping).
DuPont Company PVF	Manufactures PVF resin used to produce Tedlar® film.
Former Manufacturing Area	
Polymer Manufacturing Development Facility (PMDF)	Manufactured Teflon® fluorinated ethylene propylene (FEP) for electrical wiring insulation and other applications. (Note: this Teflon® unit did not use APFO in its process.) The PMDF unit was permanently shut down in June 2009; it no longer manufactures DuPont Teflon®.
Support Areas	
Power	Generates steam via natural gas and fuel oil-fired boilers for the facility's manufacturing areas as well as comfort heating for employees. Produces process water and demineralized water from raw river water.
Wastewater Treatment Plant	The WWTP treats process wastewater and sanitary wastewater prior to discharge to the Cape Fear River.

1.1.2 Regulatory History

The Fayetteville Works facility received its initial RCRA Permit (NCD047368642) to operate a hazardous waste container storage area and tanks in February 1983, while under DuPont ownership. DuPont submitted an amended Part A application in 1991 to document upgrades to its fluorocarbon waste treatment and tank system. The RCRA

Part B permit application submitted in August 1993 identified 71,750 gallons of container storage capacity at the container storage area. Stored waste included characteristic wastes (D001, D002, D003, D007, D009, and D029) and listed wastes (F002, F003, and F005).

In January 1998, the Site's RCRA Permit was reissued and was to remain in effect for 10 years. Part V of the permit required DuPont to investigate potential releases of hazardous substances into the environment. In June 2007, DuPont submitted an application for renewal of the Site's RCRA Permit. The North Carolina Department of Environment and Natural Resources (NCDENR; now NCDEQ) reissued the permit on September 28, 2012.

Since 1996, several stages of investigation have been conducted at the Site under NCDENR/NCDEQ oversight to meet the conditions of the permit. The Phase III (Final) RFI report was submitted in August 2014 (DuPont CRG). In addition, the Site voluntarily agreed to the NCDENR request to investigate potential APFO releases as part the ongoing RFI. The findings of the APFO investigation activities (conducted during the Phase II RFI) were included in Appendix A of the Phase II RFI Report (DuPont CRG 2006). The Corrective Measures Study (CMS) Work Plan was submitted on December 2, 2016 (Chemours CRG) and approved on February 8, 2017. The Site is currently in the CMS phase of the Corrective Action Program.

1.2 Corrective Action

Corrective action refers to all activities related to the investigation, characterization, and cleanup of a release of hazardous wastes or hazardous waste constituents from solid waste management units (SWMUs) and/or areas of concern (AOCs) at the Site. Chemours has established several overall goals for the corrective action activities at the Site.

- Ensure the protection of human health and the environment (HH&E) through the development and use of an SCM, based on a satisfactory understanding of site constituents, release pathways, and exposure potential;
- Cost-effectively manage/minimize long-term liabilities associated with potential contaminant releases using a risk-based prioritization process;
- Appropriately comply with all regulatory requirements; and
- Coordinate RCRA corrective action activities with other business activities at the Site to minimize disruption to plant operations, maximize benefits and synergies with other, overlapping environmental initiatives, and ensure field efforts are conducted in a safe and efficient manner.

1.3 Approach, Goals, and Objectives of Additional Site Investigation

The purpose of this investigation was to gather additional information to perform a site assessment under 15A NCAC 02L.0106(g). Results of the investigation will facilitate remedial decisions in support of the overall Site corrective action goals and an eventual CMS. To accomplish this, site-specific data were collected to determine the nature and extent of Target PFAS releases (e.g., from regulated units, SWMUs, or other source areas) to environmental media at the Site. The goal of this investigation was to collect additional data on Target PFAS distribution in soil, groundwater, and surface water and

hydrogeologic data that can be used to predict fate and transport of Target PFAS in the environment.

Based on a review of historical Site data and the current SCM, the following specific objectives were developed:

1. Determine distribution of Target PFASs (target lists) in Perched Zone water, Surficial Aquifer groundwater, and Black Creek Aquifer groundwater
2. Determine distribution of leachable and “total” Target PFASs in surface soil and the vertical distribution of Target PFASs above the perched water
3. Further characterize Site hydrogeologic conditions

The specific tasks that were completed to meet these objectives and investigation results are described in the following sections.

2.0 GROUNDWATER AND SOIL INVESTIGATION RESULTS

The specific objectives for groundwater and soil sampling during this investigation were to identify and delineate Target PFASs in site-wide groundwater and surficial soil and to determine the leachability of Target PFASs from soils to groundwater. Vertical profiling of Target PFASs in soil above the perched water also was performed to confirm whether leached Target PFASs contribute to the observed groundwater concentrations. No deviations from the field investigation methodologies presented in the work plan were noted during the recent investigation.

2.1 Data Verification and Validation

During this investigation, of groundwater and soil samples were analyzed for the 16 PFASs listed in Table 1 (hereafter referred to as List 1-PFASs) and the 10 PFASs listed in Table 2 (hereafter referred to as List 2-PFASs) (collectively, List 1-PFASs and List 2-PFAS are referred to as "Target PFAS"). List 1-PFASs were analyzed by a North Carolina-certified laboratory using an approved United States Environmental Protection Agency (USEPA) method. Chemours could not identify any commercial laboratories that could analyze for the List 2-PFASs; therefore, List 2-PFASs were analyzed at the Chemours Fayetteville Works on-site laboratory, following site-specific methodology.

Analytical data produced during this investigation were verified/validated according to the process presented in the work plan. The laboratory provided all data to the Chemours data validation contractor, AECOM's in-house Analytical Data Quality Management (ADQM) group, in a data package. Laboratory analytical reports are included in Appendix A. The data package contained raw data that was reviewed by ADQM for compliance with the laboratory standard operating procedures (SOPs) and usability. The laboratory also delivered the analytical data electronically for upload to the Chemours Locus EIM™ database.

All data were reviewed using the Data Verification Module (DVM). The DVM is an internal review process used to assist with the determination of data usability. The electronic data deliverables received from the laboratory were loaded into the Locus EIM™ database and processed through a series of data quality checks, which are a combination of software (the DVM) and manual reviewer evaluations. The data are evaluated against the following data usability checks:

- Field and laboratory blank contamination
- USEPA hold time criteria
- Missing quality control (QC) samples
- Matrix spike/matrix spike duplicate (MS/MSD) recoveries and the relative percent differences (RPDs) between these spikes
- Laboratory control sample(LCS)/control sample duplicate (LCSD) recoveries and the RPD between these spikes
- Surrogate spike recoveries for organic analyses
- RPD between field duplicate sample pairs
- RPD between laboratory replicates for inorganic analyses
- Difference / percent difference between total and dissolved sample pairs, if any.

The DVM applies the following data evaluation qualifiers to analysis results, as warranted:

Qualifier	Definition
R	Unusable result. Analyte may or may not be present in the sample.
B	Not detected substantially above the level reported in the laboratory or field blanks.
J	Analyte present. Reported value may not be accurate or precise.
UJ	Not detected. Reporting limit may not be accurate or precise.

The individual DVM narrative report for each lot entered into the EIM database summarized which samples were qualified (if any), the specific reasons for the qualification, and the potential bias in reported results. In addition, laboratory results greater than the method detection limit (MDL) but less than the reporting limit (RL) were qualified "J" and should be considered estimated values.

The DVM review process described above was performed on 100% of the data generated for the sampling events. The DVM review process was supplemented by a manual review of the instrument-related QC results for calibration standards, blanks, and recoveries to evaluate the overall review process to be consistent with Stage 2b of the USEPA Guidance for Labelling Externally Validated Laboratory Analytical Data for Superfund Use (EPA-540-R-08-005 2009).

2.2 Site-Wide Groundwater Monitoring

The main focus of this groundwater investigation was to further delineate Target PFAS concentrations in site-wide groundwater. Perched Zone water, Surficial Aquifer groundwater, and Black Creek Aquifer groundwater was gauged and sampled. Gauged groundwater levels from 84 wells are listed in Table 3. Figures 3, 5, and 6 depict potentiometric surfaces for the Perched Zone, Surficial Aquifer, and Black Creek Aquifer (respectively), developed using gauged groundwater levels. Figure 4 also depicts contours of the Perched Zone water thickness. As shown, Perched Zone water is thickest at the River Water Solids Settling Basins and flows radially away from the basins (as observed in the current SCM). Groundwater in both the Surficial and Black Creek Aquifers generally flows toward the Cape Fear River. Deflections in the direction of flow toward Willis Creek are present in the vicinity of the creek.

During this site investigation, groundwater from 28 Perched Zone wells, 27 Surficial Aquifer wells, and four Black Creek Aquifer wells was sampled and analyzed for the 16 List 1-PFASs and the additional 10 List 2-PFASs. Hexafluoropropylene oxide dimer acid (HFPO-DA) is included in List 1-PFASs. List 1-PFASs are summarized in Table 4a for Perched Zone water samples, Table 5a for Surficial Aquifer groundwater samples, and Table 6a for Black Creek Aquifer groundwater samples.

Perched Zone water HFPO-DA concentrations ranged from 440 nanograms per liter (ng/L) to 640,000 ng/L (as shown on Figure 7). The highest Perched Zone water HFPO-DA concentrations were detected in the eastern portion of the Nafion® Unit, near the Nafion® Area ditch. The second highest Perched Zone water HFPO-DA concentration was detected in piezometer PZ-18, on the west side of the facility, near the Wood-lined ditch. Surficial Aquifer groundwater HFPO-DA concentrations ranged from <10 ng/L to 45,000 ng/L (as shown on Figure 8). There was no discernable distribution pattern to the concentrations; however, low concentrations were generally present along the Site access road, and higher concentrations were detected in the LTW

wells near the Cape Fear River. Black Creek Aquifer groundwater HFPO-DA concentrations ranged from <130 ng/L to 9,900 ng/L (as shown on Figure 9). Although there was no discernable distribution pattern to the concentrations, the non-detect result was in the hydraulically upgradient portion of the Site.

Analytical detections of List 1-PFASs (other than HFPO-DA) in Perched Zone water are posted on Figure 10, while detections in Surficial Aquifer groundwater are posted on Figure 11, and detections in Black Creek Aquifer groundwater are posted on Figure 12. Between four and 11 of the List 1-PFASs (not including HFPO-DA) were detected in Perched Zone water. The same group of nine PFASs that previously were detected in Cape Fear River surface water (PFBS, PFDA, PFHpA, PFHxS, PFHxA, PFNA, PFOS, PFOA, PFPeA) were also detected in many of the Perched Zone wells at similar concentrations. This is likely because most of the Perched Zone water originates as leakage from the Sediment Basins (which settle out river water solids) and infiltration of non-contact cooling water (i.e., river water) from the Nafion® Area ditch. Although there is no discernable general distribution of Target PFASs in the Perched Zone water, five of the List 1-PFASs are present at relatively higher concentrations in Nafion® Area wells (PFHpA, PFHxA, PFNA, PFOA, and PFPeA), suggesting a potential on-site source other than leakage from the Sediment Basins or of non-contact cooling water.

Fewer and lower concentrations of List 1-PFASs were detected in Surficial Aquifer groundwater, except for higher detected PFOA concentrations in PPA Area wells. List 1-PFASs were detected in groundwater from three of the four Black Creek Aquifer wells at relatively lower concentrations than those detected in the Surficial Aquifer. Only PFPeA was detected at concentrations above 100 ng/L.

Six State monitoring wells were sampled in addition to on-site wells. This set of six wells is known as the “DWR DuPont Station” series of wells (well installation specifications can be viewed on the internet at <https://www.ncwater.org>). These wells monitor the upper and lower portions of the Surficial Aquifer, the upper and lower portions of the Black Creek Aquifer, the Upper Cape Fear Confining Unit, and the Upper Cape Fear Aquifer. Table 7a summarizes the List 1-PFAS results. As shown, HFPO-DA was only detected (at 970 ng/L) in the well that monitors the upper portion of the Surficial Aquifer. Another four List 1-PFASs were detected in the upper portion of the Surficial Aquifer, at concentrations not exceeding 22 ng/L. PFOA was the only List 1-PFAS detected in three of the other five wells (two wells did not have any detection of a List 1-PFAS).

Tables 4b through 7b summarize analytical results for List 2-PFASs. As indicated, List 2-PFASs ranged in concentration from non-detect to over 8,000,000 ng/L (i.e., 8 parts per million). The highest List 2-PFAS concentrations were generally associated with the highest List 1-PFAS concentrations. The List 2-PFAS PFMOAA was detected at the highest concentrations. As with the List 1-PFASs, there was no discernable distribution pattern.

2.3 Site-wide Soil Sampling

The main focus of the soil sampling was to further delineate Target PFASs in soil and determine their leachability. This objective was accomplished by collecting soil samples at 32 locations over the interval 0.0 to 0.5 feet below ground surface (bgs) and running the synthetic precipitation leaching procedure (SPLP) preparation method on the samples prior to analysis for Target PFASs. The sampling locations (shown on Figure 13) were unbiased (e.g., with regard to manufacturing unit, prevailing northeast

wind direction, ground cover foliage) and covered an area that included the Main Manufacturing Area and the surrounding forested property.

Table 8a summarizes the analytical results for List 1-PFASs in soil leachate, including HFPO-DA. List 1-PFAS detections are posted on Figure 13. As shown, HFPO-DA was detected in all but one 0.0 to 0.5 bgs sample at leachable concentrations ranging from 11 ng/L to 1700 ng/L. There was no discernable distribution to the leachable HFPO-DA concentrations, although concentrations above 100 ng/L were mainly detected in the eastern portion of the Site. Some of the remaining List 1-PFASs also were detected in 0.0 to 0.5 bgs samples, but at lower concentrations (most at less than 10 ng/L, and none exceeding 100 ng/L). List 2-PFAS results from the Chemours on-site laboratory were not yet available for inclusion in this report, and will be submitted in a forthcoming revision.

In addition to the 0.0 to 0.5 bgs samples, soil was collected at two deeper depths (4.5 to 5.0 bgs and 9.5 to 10.0 bgs) at three locations to determine vertical profiles for List 1-PFASs in the soil overlying perched water (these leachable List 1-PFAS results are included in Table 8a). HFPO-DA results range from non-detect (<10 ng/L) to 130 ng/L and were detected at all depth intervals. The vertical profiles were collected near Perched Zone water wells where groundwater samples were collected. The highest leachable HFPO-DA soil concentration currently detected in each profile did not correlate well with the detected groundwater HFPO-DA concentration, suggesting that the perched water concentrations may result from an HFPO-DA source other than leaching of air deposited HFPO-DA (e.g., leakage from on-site stormwater conveyance ditches or non-process water ditches). For instance, the highest leachable HFPO-DA concentration in soil boring SB-01 equaled 26 ng/L, while the groundwater concentration in nearby piezometer PZ-16 equaled 63,000 ng/L. Likewise, at soil boring SB-09, the highest leachable HFPO-DA concentration equaled 130 ng/L, while the groundwater concentration in nearby well SMW-02 equaled 15,000 ng/L. At soil boring SB-32, the highest leachable HFPO-DA concentration equaled 30 ng/L, while the groundwater concentration in nearby piezometer PZ-20 equaled 780 ng/L. Few List 1-PFASs were detected in the soil leachate at the deeper depths, and all concentrations were less than 10 ng/L. List 2-PFAS results from the Chemours on-site laboratory were not yet available for inclusion in this report, and will be submitted in a forthcoming revision.

Analysis of “total” soil concentration was performed on a sub-set of the soil samples to determine how “total” concentrations compare against “leachable” concentrations. Only List 1-PFASs were analyzed because there does not appear to be a method for conducting “total” soil analysis for the List 2-PFAS compounds. Table 9 summarizes the analytical results for “total” List 1-PFASs, including HFPO-DA. Comparing “total” to “leachable” List 1-PFAS detections indicates that not all List 1-PFASs detected in the “total” analyses were detected in the “leachable” samples. Likewise, not all detected “leachable” List 1-PFASs were detected in the “total” analyses. Furthermore, there was no consistency in the discrepancy in detected List 1-PFASs. Comparing “total” to “leachable” concentrations of HFPO-DA in the 0.0 to 0.5 bgs samples indicates ratios between 16 and 53 (i.e., the “total” nanogram per kilogram [ng/kg] concentration was 16 to 53 times the “leachable” ng/L concentration). The SPLP method should result in a dilution ratio of 20; therefore, ratios greater than 20 indicate that not all of the compound is leachable. Although the visual lithology of the soil noted during sampling of the upper six inches was generally consistent, there may have been small-scale differences that lead to the variation in List 1-PFAS leachability.

3.0 HYDROGEOLOGIC INVESTIGATION RESULTS

The main focus of this part of the investigation was to refine the SCM by collecting additional hydrogeologic data (e.g., lithology, and hydrogeologic unit delineation). To meet this objective, the lithology beneath the Site was further refined through advancement of soil borings and determining hydraulic conductivities of the saturated units through in-situ testing. No deviations from the field investigation methodologies presented in the work plan were noted during this investigation.

Off-site access could not be obtained in time to install piezometers near Willis and Georgia Branch Creeks; therefore, off-site groundwater interaction with these surface waters could not be confirmed. However, based on ground surface topography in the vicinity of these two creeks, Surficial Aquifer groundwater should flow toward the creeks from both sides.

3.1 Hydrogeologic Unit Delineation

Most hydrogeologic investigations to date have focused on the Perched Zone groundwater, the associated clay lens, and the uppermost portion of the Surficial Aquifer. Regional hydrogeology in the vicinity of the Site consists of the following:

Hydrogeologic Unit Elevation (feet MSL)	Hydrogeologic Unit Name/ Description
+150 to +100	Unsaturated silty-sand/medium-grained sand (with clay stringers; Note: the clay lens and Perched Zone water beneath the Manufacturing Area is in this interval)
+100 to +84	Surficial Aquifer (silty-sand/medium-grained sand with clay stringers)
+84 to +65	Black Creek Confining Unit (clay)
+65 to -53	Black Creek Aquifer (sand)
-53 to -173	Upper Cape Fear Confining Unit (clay)
-173 to -237	Upper Cape Fear Aquifer (sand)
-237	Basement Rock

MSL = mean sea level

Lithology beneath the Site was further refined by installing eight monitoring wells and continuously logging for lithology during the recent investigation. Four wells were installed in the Surficial Aquifer (MW-18D through MW-21D), and four were installed in the deeper Black Creek Aquifer (BCA-01 through BCA-04). Boring Logs (with well completion details) are included in Appendix B. In addition to the eight new monitoring wells, damaged well MW-15D was replaced, and a larger diameter well MW-22D was installed in the Surficial Aquifer for use during the aquifer pump test described below. All eight new monitoring wells (and the replacement well) were completed with 10 feet of 0.01-inch factory-slotted, 2-inch-diameter, polyvinyl chloride (PVC) screen connected to flush joint PVC casing. Pump test well MW-22D was completed with 20 feet of 0.03-inch, wire-wrapped, 6-inch-diameter PVC and stainless-steel screen connected to flush-joint PVC casing. All newly installed wells were accurately surveyed for horizontal location and ground surface and top-of-casing elevations.

Two of the Black Creek Aquifer borings (BCA -03 and BCA-04) were advanced through the entire sand thickness of the aquifer and into the underlying clay of the Upper Cape

Fear Confining Unit so that the entire saturated thickness of the Black Creek Aquifer could be determined. Locations of the four new Surficial Aquifer wells are shown on Figure 5, while the new Black Creek Aquifer wells are shown on Figure 6.

The new lithologic data were used to refine the hydrogeologic cross sections for the Site. Figure 14 shows the locations for two generalized cross-sections through the Site (Figure 15 and Figure 16) that depict the complex physical aspects of the Site (e.g., topography, lithology, hydrogeology, and potential interactions with surface water features). Updates to the cross sections from the previous version include refinement to the presence and depth intervals of the Black Creek Confining Unit, the Black Creek Aquifer, and the Upper Cape Fear Confining Unit. Interpretation of the hydrogeology suggests that water from the Perched Zone and groundwater from both the Surficial and the Black Creek Aquifers discharge or contribute flow to the Cape Fear River. As shown in Figures 5 and 6, the hydraulic gradients in the Surficial Aquifer and Black Creek Aquifer are low, except for a predicted increase in the Black Creek Aquifer hydraulic gradient in the immediate vicinity of the bluff adjacent to the Cape Fear River.

3.2 Hydrogeologic Testing

Two types of hydrogeologic tests were performed on saturated groundwater zones during this investigation: slug test and pump test. Slug tests were performed on wells FTA-01, NAF-01, and NAF-02 (see Figure 3 for locations) that monitor the shallow perched water zone. Slug tests were performed because the sustainable well yield was low (less than 2 gallons per minute [gpm]), and there was a limited volume of perched water. Slug tests are limited to estimating the hydraulic conductivity of the saturated zone material in the immediate vicinity of the tested well (i.e., the radius of influence is very small), and were performed to verify that the hydraulic conductivity fell within the range typical for the observed sandy material grain size. A pump test was performed on the Surficial Aquifer using newly installed well MW-22D as the pumped well and nearby well MW-16D as an observation well (see Figure 5 for locations).

The slug tests were performed by measuring the static water level (head) in the well (with a downhole pressure transducer), then introducing a near instantaneous change in water level by either removing or adding a PVC-pipe “slug,” then measuring the change in water level over time until it returned to near the original static level. In this manner, one slug test was performed on well FTA-01 (falling head), two on well NAF-01 (rising head and falling head), and two on well NAF-02 (rising head and falling head). Slug test data were analyzed using Aquifer Test 2015 software (Waterloo Hydrogeologic 2015). Results indicate that the hydraulic conductivity of the Perched Zone sand ranges from 1.61 to 10.2 feet per day (ft/d), which is in the general range for medium-grained sand (Domenico 1990). Slug test analysis reports are included in Appendix C.

A pump test on the Surficial Aquifer was performed on newly installed well MW-22D to determine the hydraulic conductivity of the unconfined aquifer. A constant-rate test was performed by pumping MW-22D at a constant rate (gpm) for a period of time and measuring the rate of water level change in both the pumped well and nearby observation well MW-16D (both well locations are shown on Figure 5). Based on a step-test performed on MW-22D the day before the pump test, a discharge rate of 33.5 gpm was chosen as the optimal rate that would produce the maximum drawdown in MW-22D without desaturating the screened interval of the well. During the pump test, the discharge rate varied from 32.0 to 33.6 gpm, with an average rate of 33.35 gpm. It took approximately 90 minutes for the drawdown to stabilize at 0.75 feet in observational well MW-16D, which is located 47.5 feet away from pumping well MW-22D. The pump test

analysis report is included in Appendix C. The data were analyzed using Aquifer Test 2015 software (Waterloo Hydrogeologic). Results indicate that the hydraulic conductivity of the Surficial Aquifer sand equaled 72.3 ft/d, which is in the range for medium-grained sand (Domenico 1990). The return of water levels to the static level in MW-22D was recorded after the pump turned off. Analysis of these “recovery test” data indicated a lower hydraulic conductivity equal to 3.77 ft/d. This lower value is likely due to the amount of open screen area limiting the recharge capacity. The analysis report for this test are also included in Appendix C.

This page intentionally left blank

4.0 UPDATED SITE CONCEPTUAL MODEL

Chemours uses the SCM to develop a representation of the chemical and physical characteristics of a site to focus investigation efforts and remedial decision making. The SCM also assists in the identification of areas for additional collection of potentially relevant data that can be addressed during future investigations.

The SCM was based on an analysis of potential exposure pathways, constituents of concern (COCs), and environmental fate and transport mechanisms. An accurate understanding of the geology and hydrogeology at the Site is also essential in developing the SCM.

The current SCM, presented below, was developed based on a review of historical data and the results of the activities and investigations conducted at the Site.

4.1 Physical Setting

4.1.1 Regional Physical Setting

Regional Climate

Relatively mild winters, hot summers and abundant rainfall characterize the climate in Bladen County. Temperatures range from an average monthly high of 91°F in July to an average monthly low of 33°F in January. Average rainfall ranges from a monthly high of 5.59 inches in July to a monthly low of 2.97 inches in November.

Regional Topography

The region surrounding the Site is generally level to gently sloping. However, surface topography steepens when approaching the Cape Fear River and its tributaries.

Regional Geology/Hydrogeology

The facility is in the northwestern portion of Bladen County. Bladen County is situated within the Coastal Plain Physiographic Province, which consists of a seaward thickening wedge of sedimentary deposits ranging in age from Cretaceous to Recent. Paleozoic; metamorphic and igneous rocks underlie these deposits. In the northern portion of Bladen County these "basement" rocks are approximately 400 feet bgs. A detailed description of the Coastal Plain sediments is presented in the RCRA Confirmatory Sampling Report (DuPont CRG 1999). Based on the Geologic Map of North Carolina (North Carolina Geological Survey [NCGS] 1985), the Site is underlain by the Black Creek Formation. The Black Creek Formation is characterized by lignitic clay, gray to black, and contains thin beds and laminae of fine-grained micaceous sand as well as thick lenses of cross-bedded sand. The upper portion of the formation may also contain glauconitic, fossiliferous clayey sand lenses. The Black Creek Formation and surficial deposits are the principal potable water aquifers in the region.

4.1.2 Local Physical Setting

Figure 14 shows the locations for two updated generalized cross-sections through the Site (Figure 15 and Figure 16) that depict the complex physical aspects of the Site (e.g., topography, lithology and hydrogeology). The following subsections discuss the local geology and hydrogeology in more detail.

Site Topography and Drainage

The facility topography is relatively flat within the developed portion of the Site; surface topography then decreases towards the Cape Fear River to the east and Willis Creek to the north of the facility. Topographic relief from the main manufacturing area down to the top of the riverbank is approximately 100 feet and approximately 40 feet from the main manufacturing area to Willis Creek. Surface topography generally remains flat to the west; however, there is a gentle increase of about five feet to a topographic divide near Highway 87. In the far southwestern portion of the property, surface topography again decreases by 15 to 25 feet where the Georgia Branch Creek channel runs along the property line. The Georgia Branch Creek confluence with the Cape Fear River is approximately 1.3 miles south of the dam (0.75 miles southeast of the property).

The Cape Fear River is located along the eastern property boundary of the plant, approximately 1,850 feet from the eastern portion of the manufacturing area. Willis Creek, a tributary of the Cape Fear River is in the northern portion of the Site, approximately 3,000 feet from the manufacturing area. Process wastewater is either sent off-site for proper disposal or treated on-site and piped to the National Pollutant Discharge Elimination System (NPDES) permitted outfall at the Cape Fear River (permit number NC003573).² Portions of the Georgia Branch, another tributary to the Cape Fear River, flow along part of the southern boundary of the Site. The plant facilities are located on a plateau at an approximate elevation of 145 feet above MSL. The plant is situated approximately 70 feet above the 100- and 500-year Cape Fear River floodplains and at least 1,000 feet from the 100-year floodplain's nearest approach.

Site Geology

The soil on the Site falls within the Norfolk-Goldsboro-Raines general classification (Leab 1990). These soils are located on old, high stream terraces in the northern part of Bladen County and are generally poorly drained soils that have a sandy or loamy surface layer and loamy subsoil.

Based on the lithology logged during on-site investigations, the Site is underlain by a fine- to medium-grained sand unit with thin discontinuous interbedded silt/clay lenses. The sand extends to a depth of approximately 65 feet bgs (elevation of +80 feet MSL). The saturated portion of this unit has been identified as the Surficial Aquifer. Beneath this unit is a 7- to 15-foot-thick, laterally-continuous dense clay that has been identified as the Black Creek Confining Unit. The elevation of this unit (approximately +65 to +77 feet MSL) indicates that it, too, should outcrop along the bluff face adjacent to the Cape Fear River, and potentially along the embankment near Willis Creek. Beneath this confining unit is the Black Creek Aquifer, which is approximately 8 to 20 feet thick and is encountered at depth between 80 and 100 feet bgs (elevation of approximately +45 to +65 feet MSL). Beneath this aquifer is a massive dense clay (with minor sand stringers) that has been identified as the Upper Cape Fear Confining Unit. This unit was not fully penetrated; however, it extended to at least 200 feet bgs (elevation of -55 feet MSL; see boring log for well BCA-03 in Appendix B)).

Within the manufacturing area, the uppermost sand unit is locally bisected by an aerially extensive stiff clay/clayey silt lens (clay lens). This clay lens is limited in lateral extent to the east, north and south by local topography and pinches out (terminates) to the west of the manufacturing area.

² As of November 29, 2017 and per NCDEQ's order, process wastewater from the Nafion area of the facility is collected and sent offsite for disposal.

The depth to the top of the clay lens is approximately 15 to 18 feet bgs. The clay lens becomes thinner moving west across the manufacturing area. It ranges from approximately one foot to approximately 19 feet thick. A visual inspection for the clay lens was conducted along the drainage channel beside the bluff leading to the Cape Fear River. The clay lens was observed in the drainage channel bottom and was approximately 10 to 12 feet thick in the channel banks. The area of the channel where the clay lens was observed also coincided with an area of the channel where seepage faces were observed. Based on the elevation of the clay lens, it should outcrop on the bluff adjacent to the Cape Fear River.

Site Hydrogeology

A shallow unconfined aquifer (Surficial Aquifer) is encountered at approximately 50 feet bgs. Groundwater elevations range from approximately 100 to 107 feet above MSL in the western areas of the Site to approximately 93 feet MSL in the eastern areas of the Site, indicating that groundwater flow is generally toward the Cape Fear River (see Figure 5; gauged water levels are presented in Table 3).

The Cape Fear River stage was recently measured to be 29.18 feet MSL, which is lower than the base elevation of the Surficial Aquifer, indicating that the Cape Fear River is a discharge boundary for the Surficial Aquifer. Based on groundwater elevations near Willis Creek, portions of the creek are “gaining” (groundwater discharges to the creek) and portions are “losing” (surface water infiltrates to the underlying groundwater). Georgia Branch Creek also appears to be a gaining stream near where State Road 1303 crosses Highway 87.

The Black Creek Aquifer is under confined conditions at the Site and is separated from the overlying Surficial Aquifer by a clay confining unit. The Black Creek Aquifer is the uppermost identified regional “state-wide” hydrogeologic unit. The measured groundwater potentiometric surface for the aquifer is presented in Figure 6, which shows flow is toward the Cape Fear River. The Cape Fear River stage is also lower than the base of the Black Creek Aquifer, indicating that the Cape Fear River is also a discharge boundary for the Black Creek Aquifer.

A series of incised erosional channels were observed in the Cape Fear River floodplain located east of the manufacturing area. These channels can contain a steady flow of water where they intersect groundwater.

An aerially limited perched water zone exists on top of the clay lens that underlies most of the manufacturing area. This Perched Zone appears mainly to result from seepage of surface water through the bottom of the North/South Sediment Basins that are used to settle out solids from Cape Fear River water (which is used on-site as non-contact cooling water) and infiltration of non-contact cooling water from the Nafion® Area ditch. The Perched Zone may also be recharged to a lesser extent by direct infiltration of rainfall and leakage from other on-site stormwater and non-process water conveyance ditches. Perched Zone water flows in a radial pattern away from a potentiometric high in the vicinity of the basins and the Nafion® Area ditch (see Figure 3). Where perched water is present, it is encountered from approximately six feet bgs at the basins to a depth of approximately 20 feet bgs along the edges of the Perched Zone west of the basins. Figure 4 shows the thickness of the perched water.

The lateral extent of the Perched Zone appears to be controlled by the topography and lateral limits of the clay lens. Perched water flows away from the potentiometric high along the top of the clay lens until either reaching the perimeter of the lens (where it

would flow off the edge), reaching a seepage face (such as the one observed along the bluff adjacent to the river), or until there is insufficient hydraulic head. Flora at the Site (especially the heavily forested areas) consume the perched water through transpiration processes.

4.2 PFAS Sources and Distribution in Environmental Media

Prior to completion of this recent investigation, Chemours submitted and executed work plans for:

- On-site groundwater sampling of 14 select wells, the Site Outfall, and the Site River Water Intake (with results presented in Supplemental Groundwater Sampling Technical Memorandum, dated November 3, 2017)
- On-site shallow soil sampling and surface water sampling of Willis Creek (with results presented in Additional Supplemental Soil and Surface Water Sampling Technical Memorandum, dated November 3, 2017)
- Surface water sampling of the Cape Fear River, Willis Creek, Georgia Branch creek, and the Site's current wastewater outfall (with results presented in Cape Fear River Surface Water Sampling Technical Memorandum, dated November 3, 2017)

Results of the above investigations, along with the recent investigation, indicate that Target PFAS releases to environmental media from primary sources (e.g., wastewater conveyances, industrial process activities) have resulted in secondary sources present in environmental media. The current understanding of the Target PFAS distribution in environmental media (i.e., nature and extent) is discussed below.

4.2.1 PFAS Distribution in Soil

Chemours initially investigated soil under the Additional Supplemental Soil and Surface Water Sampling Plan (Parsons 2017b). The initial sampling effort was conducted to collect Site surface soil from several locations to determine if air deposition was a viable release pathway for on-site groundwater concentrations of HFPO-DA. Eleven surface soil samples were collected from 0 to 2 feet bgs around the main manufacturing area of the Site, and two samples were collected from presumed background locations west of the main manufacturing area. These were analyzed for HFPO-DA.

Results of the initial investigation indicated that HFPO-DA soil concentrations in the manufacturing area ranged from non-detect (<1300 ng/kg) to 18,000 ng/kg, with no discernable distribution pattern. The HFPO-DA soil concentration at the Borrow Pit, north of the manufacturing area, equaled 1900 ng/kg, while the soil concentration near the Cape Fear riverbank ranged from 4400 ng/kg to 24,000 ng/kg (with no discernable distribution pattern). HFPO-DA was not detected in soil collected from the background locations.

The recent investigation was more comprehensive and determined the distribution and leachability of Target PFASs present in surficial soil (from 0.0 to 0.5 feet bgs), as well as vertically profiling leachable Target PFASs throughout the soil column. A sub-set was also analyzed for "total" List 1-PFASs. Results indicated that the same PFASs were not always detected in the same soil sample analyzed by the two different methods. There was no discernable distribution to the leachable Target PFAS concentrations, although the highest concentrations were mainly detected in the eastern portion of the Site, which generally coincides with the prevailing wind direction. This would appear to suggest that

Target PFAS detected in soil results from air deposition and subsequent leaching (in areas away from ditches). The highest leachable Target PFAS soil concentrations currently detected in each vertical soil profile did not correlate well with the detected groundwater Target PFAS concentrations, suggesting that the perched water concentrations may result from sources other than leaching of air deposited Target PFAS (e.g., migration of surface water leakage from stormwater or wastewater conveyance ditches).

4.2.2 PFAS Distribution in On-Site Groundwater

During the initial groundwater monitoring event, HFPO-DA was detected in all but one groundwater sample (SMW-10), ranging in concentration from <10 ng/L to 50,000 ng/L. HFPO-DA also was detected in the river water intake at 11 ng/L and the Site's outfall at 110 ng/L. HFPO-DA groundwater concentrations in the Surficial Aquifer were lower by one to two orders of magnitude near Willis Creek and Georgia Branch than in the central portion of the Manufacturing Area. Concentrations detected in the LTW wells near the river were similar to those detected in the Surficial Aquifer beneath central portion of the manufacturing area. There was variability in the number of List 1-PFASs detected; however, nine List 1-PFASs were detected at similar concentrations in the river water intake and the Site's outfall. These are the same nine List 1-PFASs detected in many of the Perched Zone water samples (at similar concentrations).

The recent investigation was more comprehensive and delineated Target PFASs in Perched Zone water, Surficial Aquifer groundwater, and Black Creek Aquifer groundwater. Highest Target PFAS concentrations were detected in the Perched Zone water beneath the Nafion® Area; however, Target PFASs were detected in all but one Black Creek Aquifer well. The distribution suggests that air deposition with subsequent leaching is a potential source, as well as recharge from conveyance channels and ditches (including those that receive stormwater runoff). The same nine List 1-PFASs detected in river water were again detected in many groundwater samples (particularly Perched Zone water samples) at similar concentrations as are present in the river water. This is likely because most of the Perched Zone water originates as leakage from the Sediment Basins (which settle out river water solids) and infiltration of non-contact cooling water (i.e., river water) from the Nafion® Area ditch.

4.2.3 PFAS Distribution in Surface Water

Chemours initially investigated surface water under the Cape Fear River Surface Water Sampling Plan (Parsons 2017d) and the Additional Supplemental Soil and Surface Water Sampling Plan (Parsons 2017b). The purpose of the initial sampling efforts was to determine whether PFASs were present in either the Cape Fear River or the two tributaries adjacent to the Site (Willis Creek and Georgia Branch).

Multiple river water samples were collected adjacent to the Site, 5 and 10 miles upstream of the Site, and at locations downstream of the Site. HFPO-DA was not detected in upstream river water samples; however, a set of nine List 1-PFASs were detected in all upstream river water samples. HFPO-DA was detected in river water adjacent to the manufacturing area (at 12 ng/L to 160 ng/L) and in all downstream river water samples (ranging in concentration from 24 ng/L to 54 ng/L). The same nine PFASs that were detected in upstream river water samples were detected in all river water samples collected adjacent to and downstream of the Site.

HFPO-DA also was detected in Willis Creek (at 230 ng/L to 450 ng/L) and Georgia Branch (at 690 ng/L and 540 ng/L). Five to seven other List 1-PFASs were detected in Willis Creek and Georgia Branch at relatively low concentrations. These detections are likely the result of Surficial Aquifer groundwater discharging to the creeks.

The Surficial Aquifer and Black Creek Aquifer provide more potential groundwater discharge (although at lower Target PFAS concentrations) to the Cape Fear River than the perched water, which has a limited volume. The current SCM suggests that Perched Zone water with elevated Target PFAS concentrations (mainly HFPO-DA) is a source for on-site Surficial Aquifer and Black Creek Aquifer detected Target PFAS. A conceptual level water balance-based mass flux estimate indicates that HFPO-DA in groundwater discharging to the river would not alone result in river water HFPO-DA concentrations at or above 140 ng/L. The actual discharge of groundwater to the river will be limited by the lower hydraulic conductivity of the riverbank sediments, which would act to impede flow. The volume of flow to the river varies annually, but has averaged about 3870 cubic feet per second from 2010 through 2016³. PFAS mass in groundwater discharging to the river would mix with this large volume of flow, significantly decreasing the concentration from that detected in the groundwater. Chemours is currently working on incorporating these additional data into the SCM.

³ On-line at:

https://nwis.waterdata.usgs.gov/nc/nwis/uv/?site_no=02105500&agency_cd=USGS&

5.0 CONCLUSIONS AND PATH FORWARD

The purpose of the recent investigation was to gather additional information to complete a site assessment under 15A NCAC 02L.0106(g), to assist in making remedial decisions in support of the overall Site corrective action goals, and to support an eventual CMS. Initial data on PFAS presence in soil, groundwater, and surface water were obtained through execution of investigation work plans between July and September 2017. Completion of the current site assessment was accomplished by collecting site-specific data to better define the nature and extent of Target PFAS distribution in environmental media (due to releases from industrial processes, regulated units, SWMUs, or other sources). Hydrogeologic data were also gathered that can be used to predict fate and transport of the PFAS in the environment.

Results of the investigations indicate that Target PFAS releases to environmental media from primary sources (e.g., wastewater conveyances, industrial process activities) have resulted in secondary sources present in environmental media. These secondary sources are present in on-site soil and groundwater (Perched Zone water, Surficial Aquifer groundwater, and Black Creek Aquifer groundwater) and off-site Surficial Aquifer groundwater. The distribution of detected Target PFAS in soil would appear to suggest air deposition is the primary source (in areas away from ditches). Although leaching of Target PFASs could lead to some of the detected groundwater concentrations, the higher groundwater concentrations are likely the result of leakage from stormwater and wastewater conveyance ditches. The observed distribution in the aquifers appears to result from Target PFAS migration with natural groundwater flow. Detection of PFAS in the surface water of Willis Creek, Georgia Branch, and the Cape Fear River, suggests probable migration of these groundwater secondary sources to these surface waters. However, sampling has suggested there are upstream sources in the Cape Fear River for some of the Target PFASs. A conceptual level water balance-based mass flux estimate indicates that HFPO-DA in groundwater discharging to the river would not alone result in river water HFPO-DA concentrations at or above 140 ng/L.

Lithologic logging of newly installed wells (including deeper Black Creek Aquifer wells), along with hydrogeologic testing of the saturated portion of the Perched Zone and the Surficial Aquifer, allowed for refinement of the SCM. This, in turn, will facilitate more accurate prediction of Target PFAS fate and transport in the environment during development of corrective action alternatives, including the feasibility study to be provided to NCDEQ by February 28, 2018, and the remedial plan to be provided by March 31, 2018. In addition, the SCM will be updated to include, as appropriate, data from the ongoing stormwater investigation, and the results of Chemours' ongoing evaluation of interim control measures.

The path forward for corrective action at the Site is next to perform a feasibility study for addressing remedial alternatives for on-site Target PFAS secondary sources. Chemours is evaluating how these secondary sources may be contributing to exposure or pathways of concern and will propose remedial alternatives to address those sources of concern in the forthcoming Feasibility Report. Chemours has already undertaken (or committed to undertake) numerous actions to identify, evaluate, remove, treat, mitigate, or control various on-site primary PFAS sources (as documented in the January 15, 2018, letter to NCDEQ).

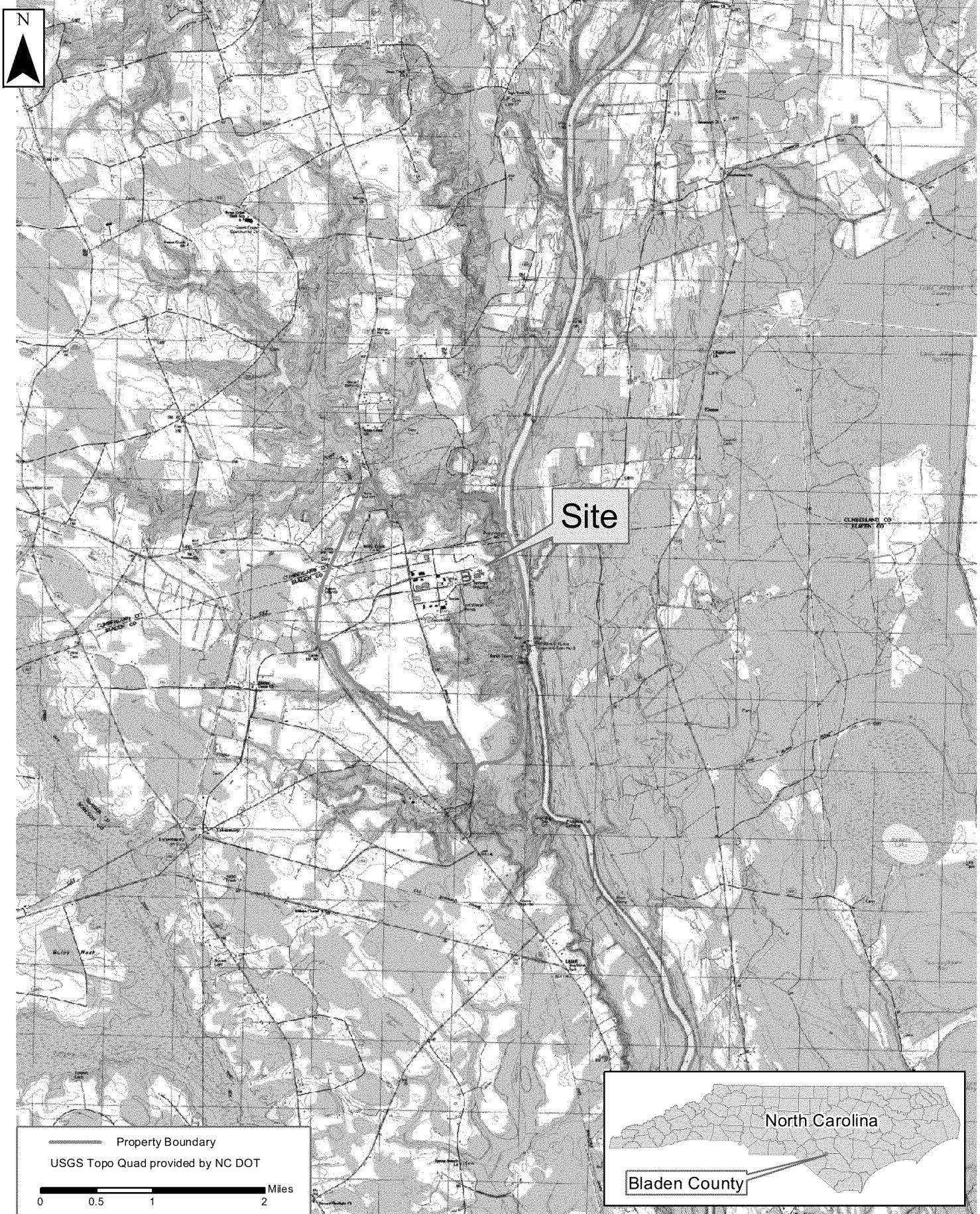
This page intentionally left blank

6.0 REFERENCES

- Chemours CRG. 2016. Corrective Measures Study Work Plan. December 2016.
- Domenico, P.A., and F.W. Schwartz. 1990. Physical and Chemical Hydrogeology. John Wiley & Sons, New York, 824 p.
- DuPont CRG. 1999. RCRA Confirmatory Sampling Report. May 1999.
- DuPont CRG. 2006. Phase II RFI Report. June 2006
- DuPont CRG. 2014. Phase III RFI Report. August 2014.
- Leab, Robert J. 1990. Soil Survey of Bladen County. United States Department of Agriculture, Soil Conservation Service.
- NCGS. 1985. Geologic Map of North Carolina. North Carolina Geological Survey. 1985
- Parsons. 2015. Supplemental Sampling Work Plan. May 8, 2015.
- Parsons. 2017b. Additional Supplemental Soil and Surface Water Sampling Work Plan. August 11, 2017.
- Parsons. 2017d. Cape Fear River Surface Water Sampling Work Plan. August 24, 2017.
- Parsons. 2017g. Supplemental Groundwater Sampling Technical Memorandum. November 3, 2017.
- Parsons. 2017a. Additional Supplemental Soil and Surface Water Sampling Technical Memorandum. November 3, 2017.
- Parsons. 2017c. Cape Fear River Surface Water Sampling Technical Memorandum. November 3, 2017.
- Parsons. 2017e. Residential Drinking Water Well Surveying Technical Memorandum. November 7, 2017.
- USEPA. 2009. USEPA Guidance for Labelling Externally Validated Laboratory Analytical Data for Superfund Use. EPA-540-R-08-005, 2009.
- Waterloo Hydrogeologic. 2015. Aquifer Test 2015.

This page intentionally left blank

FIGURES



PARSONS

PE&I
4701 Hedgemore Dr.
Charlotte, NC 28209

Site Location Map
Additional Site Investigation
Chemours Fayetteville Works
Fayetteville, North Carolina

Drawn: C. Oneal Date: 1/29/2018 File Project Number: 449338.01050
Revision:

1

Figure Number: 1

Name: Fay_Fig_1_Site_Loc

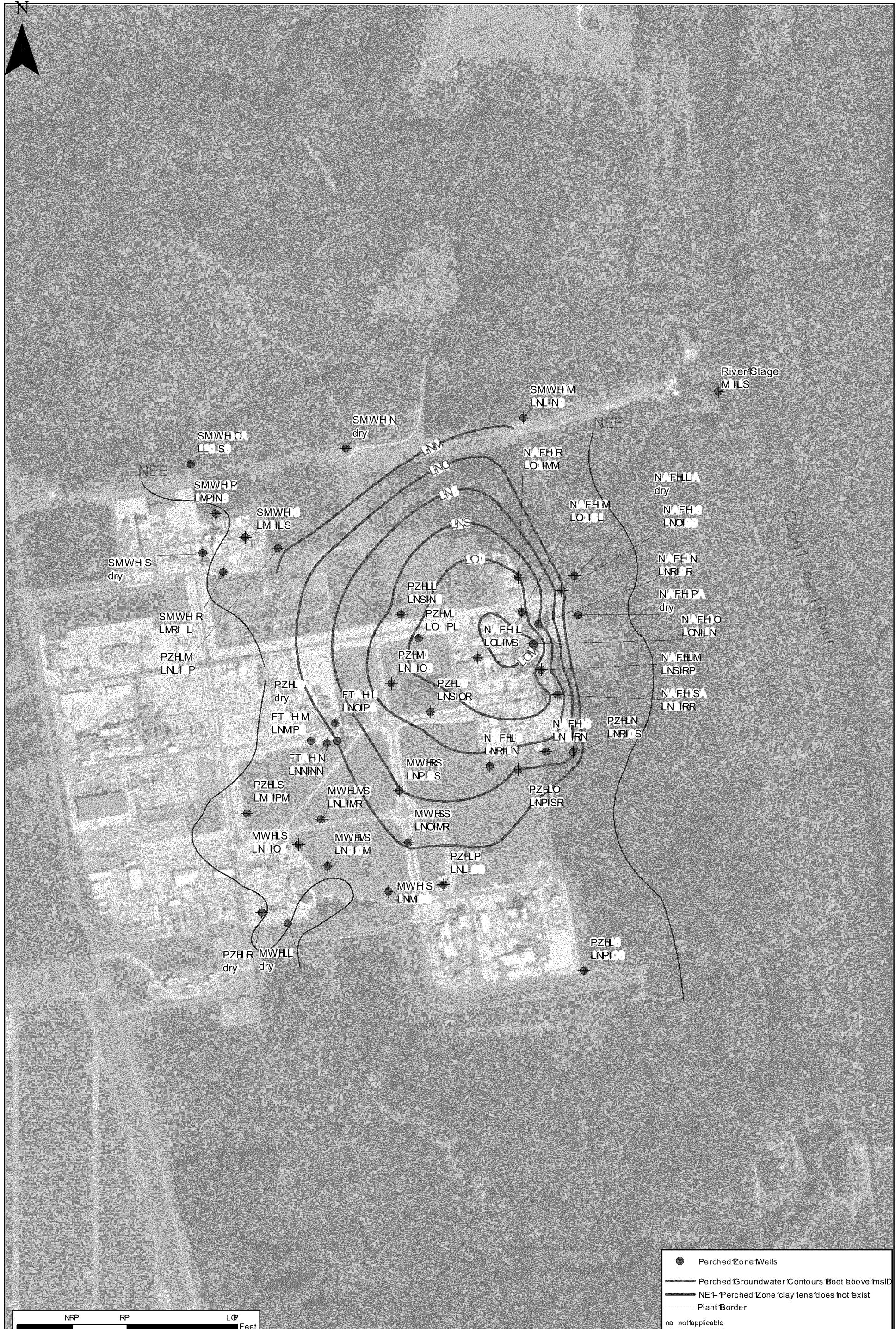
ED_002096A_00016432-00037



Drawn: C. Oneal Date: 1/29/2018 File Project Number: 449338.01050
Revision: 1 Name: Fay_Site_Layout

Figure Number: 2

ED_002096A_00016432-00038



Perched Water Zone Potentiometric Map
Additional Site Investigation
Chemours Fayetteville Works 1
Fayetteville, North Carolina

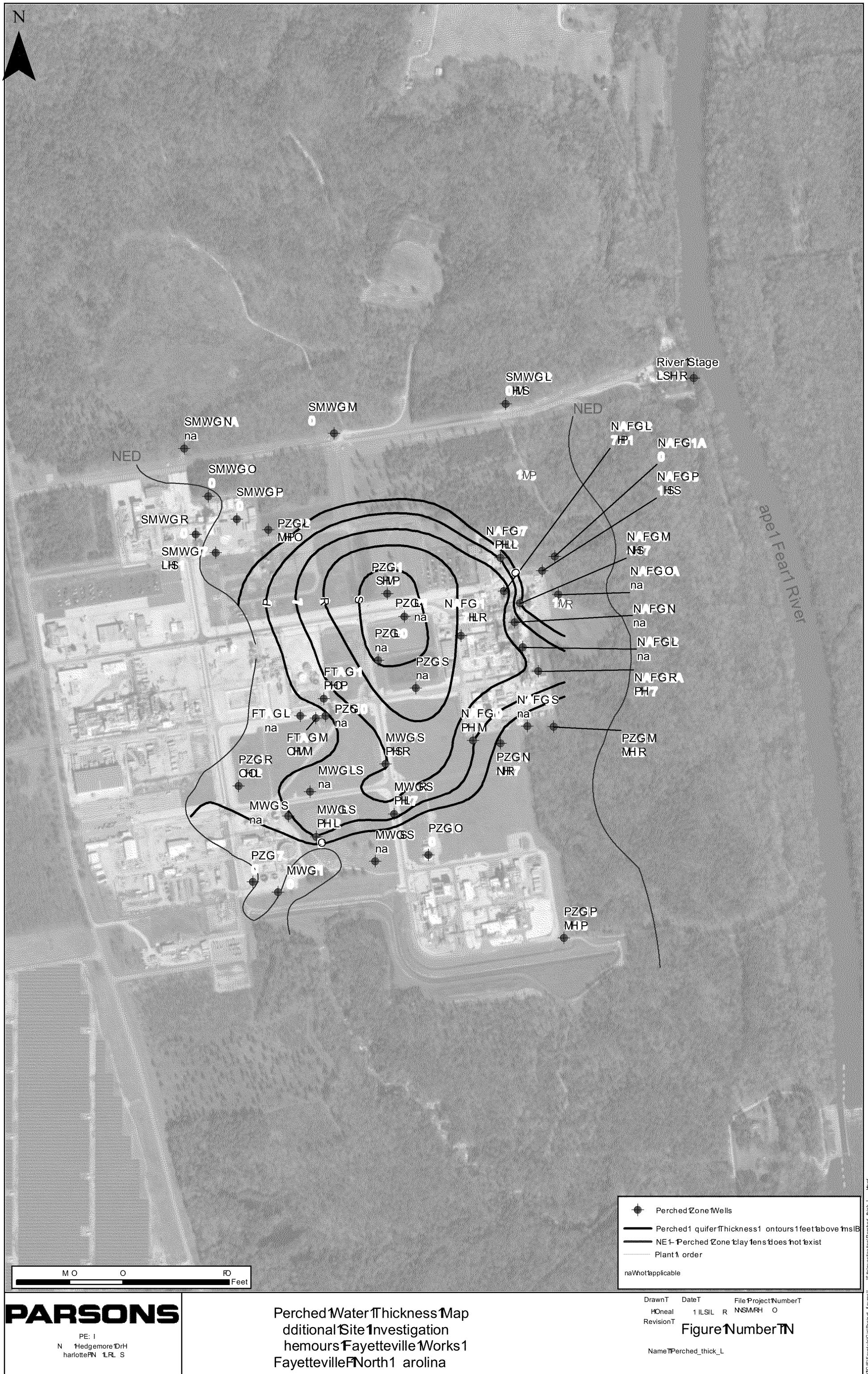
PARSONS

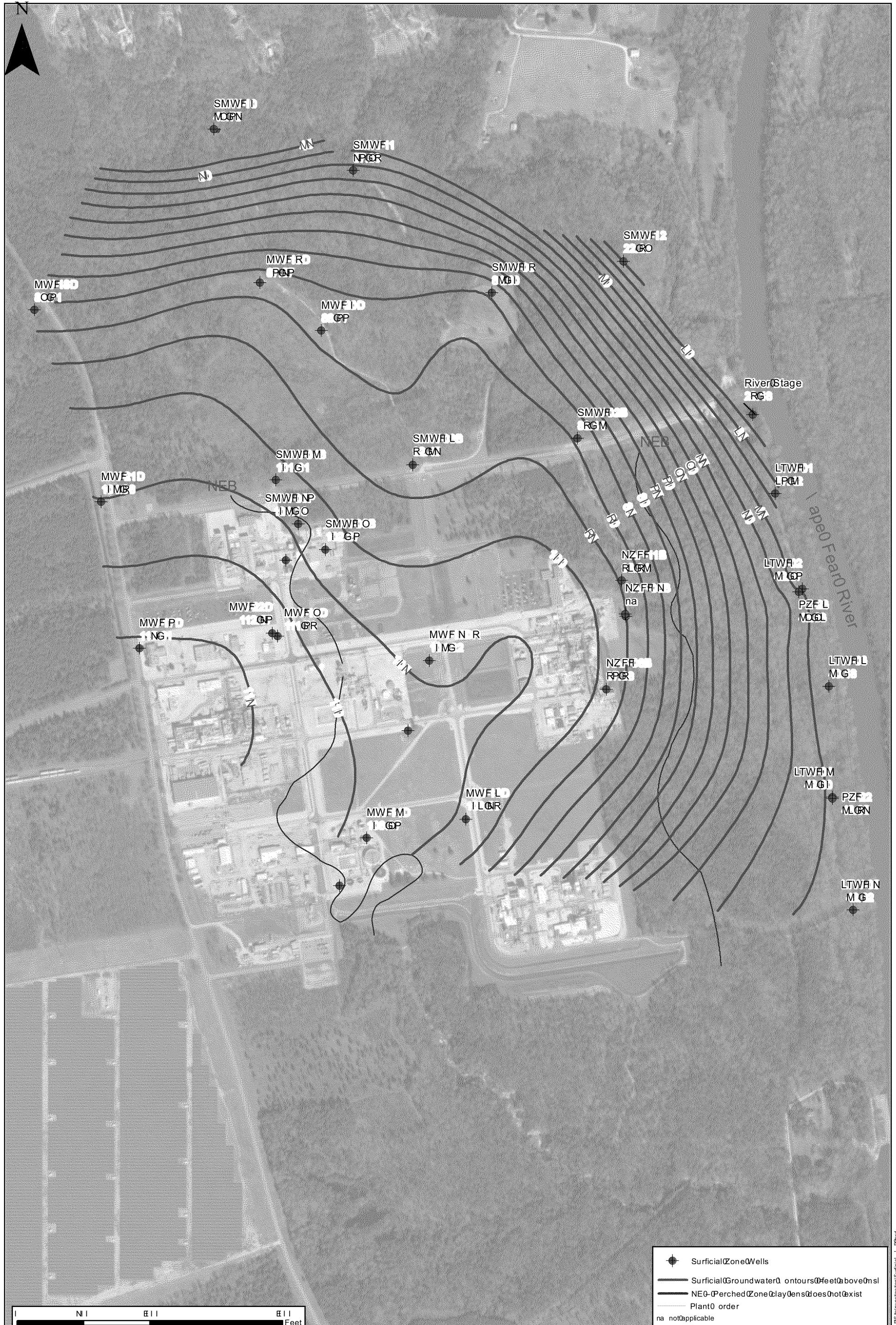
PE: I
CR L Hedgeman Drl
Charlotte, NC 1SM

Drawn Date File Project Number
C. O'Neal 1 M M LS 00 NSI L P
Revision L

Figure Number 1N

Name Perched_Pot_map_M LR





PARSONS
PE71
MPI Hedgemoor RG
Charlotte NC IR

Surficial Aquifer Potentiometric Map
Additional Site Investigation
Chemours Fayetteville Works
Fayetteville, North Carolina

raws ateS File Project Number S
l O'Neal 0 HRH MRLL G IN
RevisionS
Name Surface_I_P
Figure Number S



PARSONS

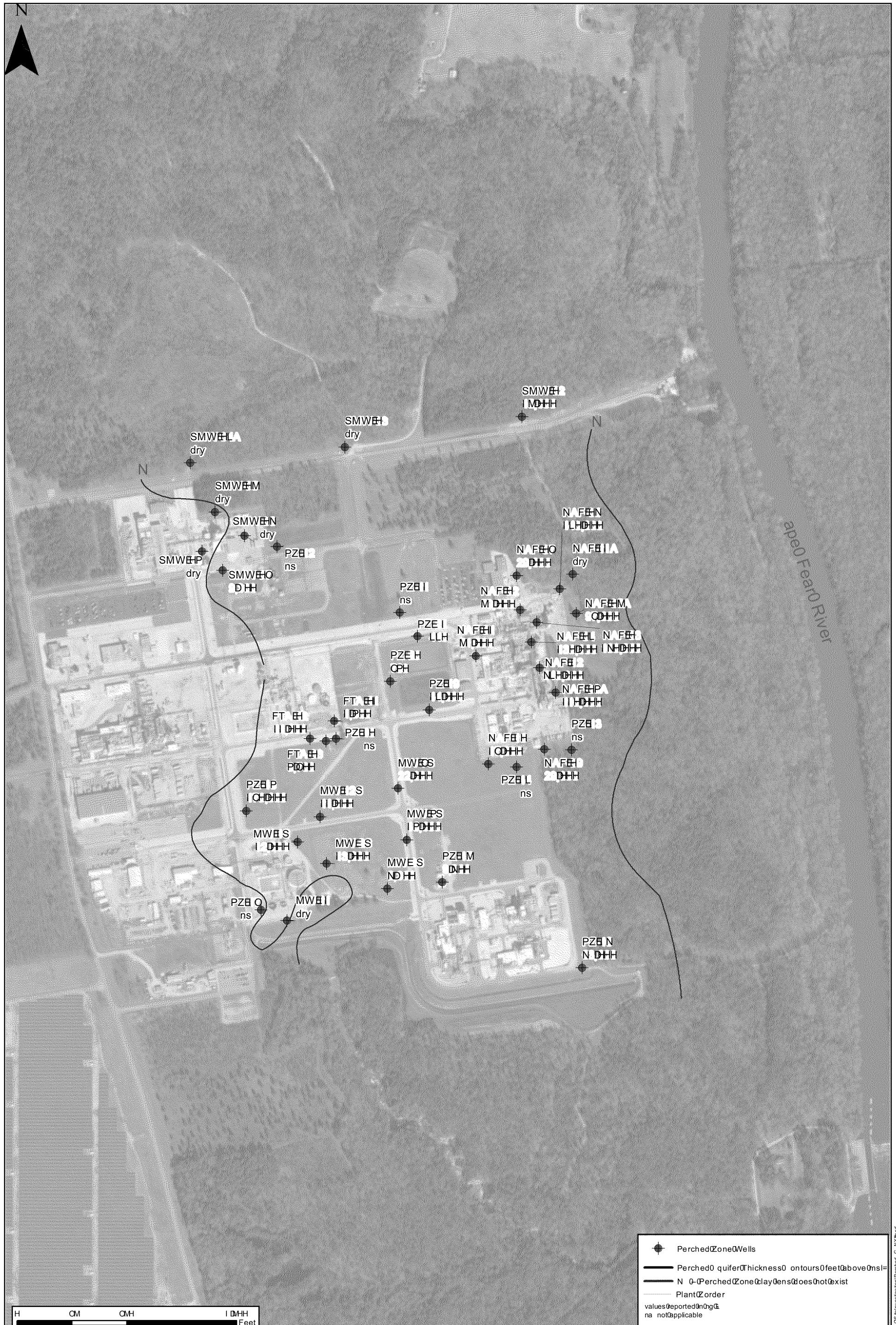
PE=1
CR L Hedgeman Drl
Charlotte/GNC/MSM T

Jacob Creek quifer Potentiometric Map
Additional Site Investigation
Chemours Fayetteville Works 1
Fayetteville, North Carolina

Drawn Date File Project Number
C. O'Neal 1/17/2018 COTNSI L P
Revision L

Figure Number 1

Name: Jacob Creek quifer



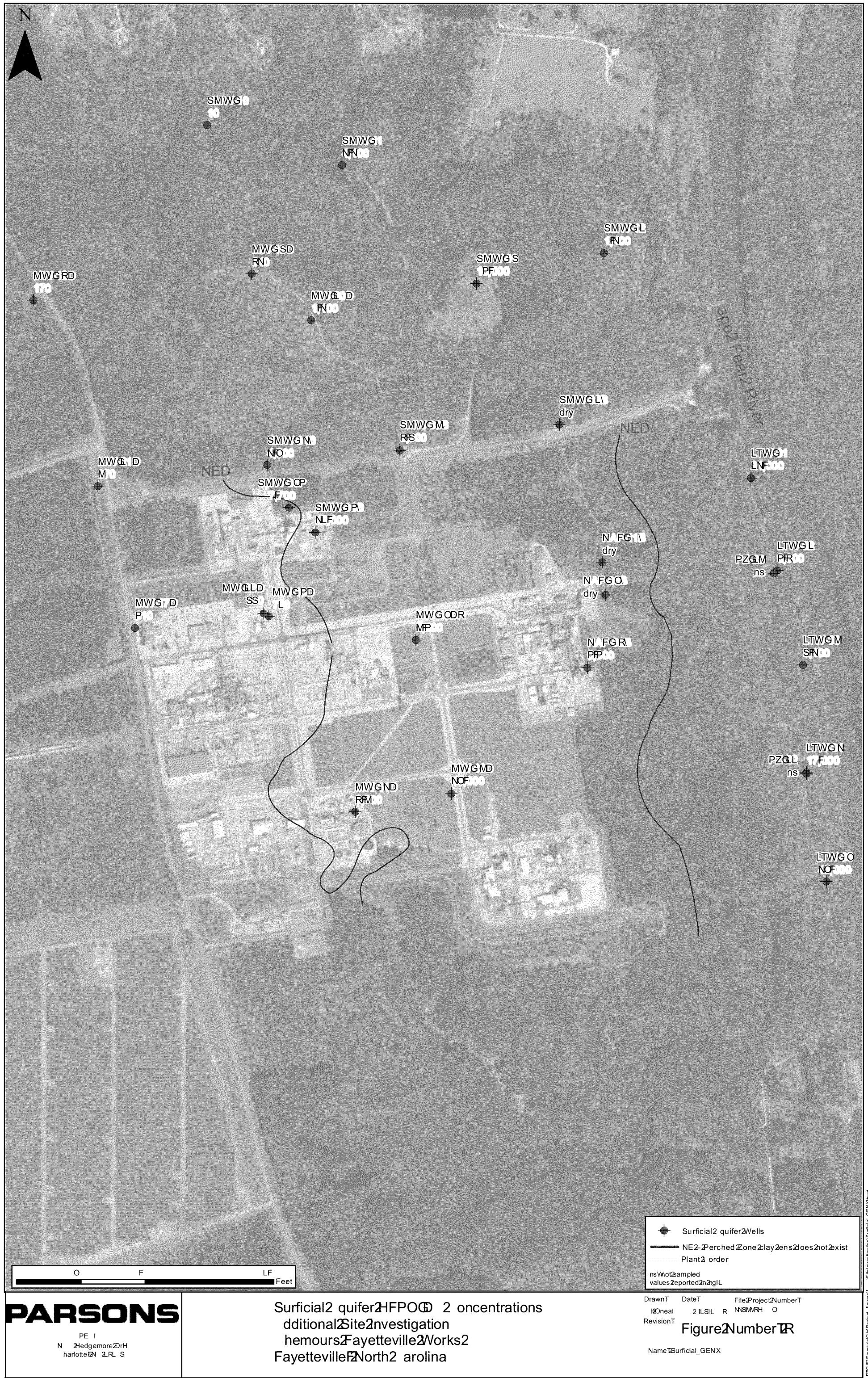
H 0M OM I DHH
Feet

PARSONS

P 71
LCH Hedgeman R F
Charlotte NC O P H

PerchedWaterZoneHFPOE 0 oncentrations
dditionalSiteInvestigation
hemoursFayettevilleWorks0
FayettevilleNorthCarolina

rawR lateR FileProjectNumberR
ROneal OG GH P LL PH HM
RevisionR
NamePerched_G_NX
FigureNumberR





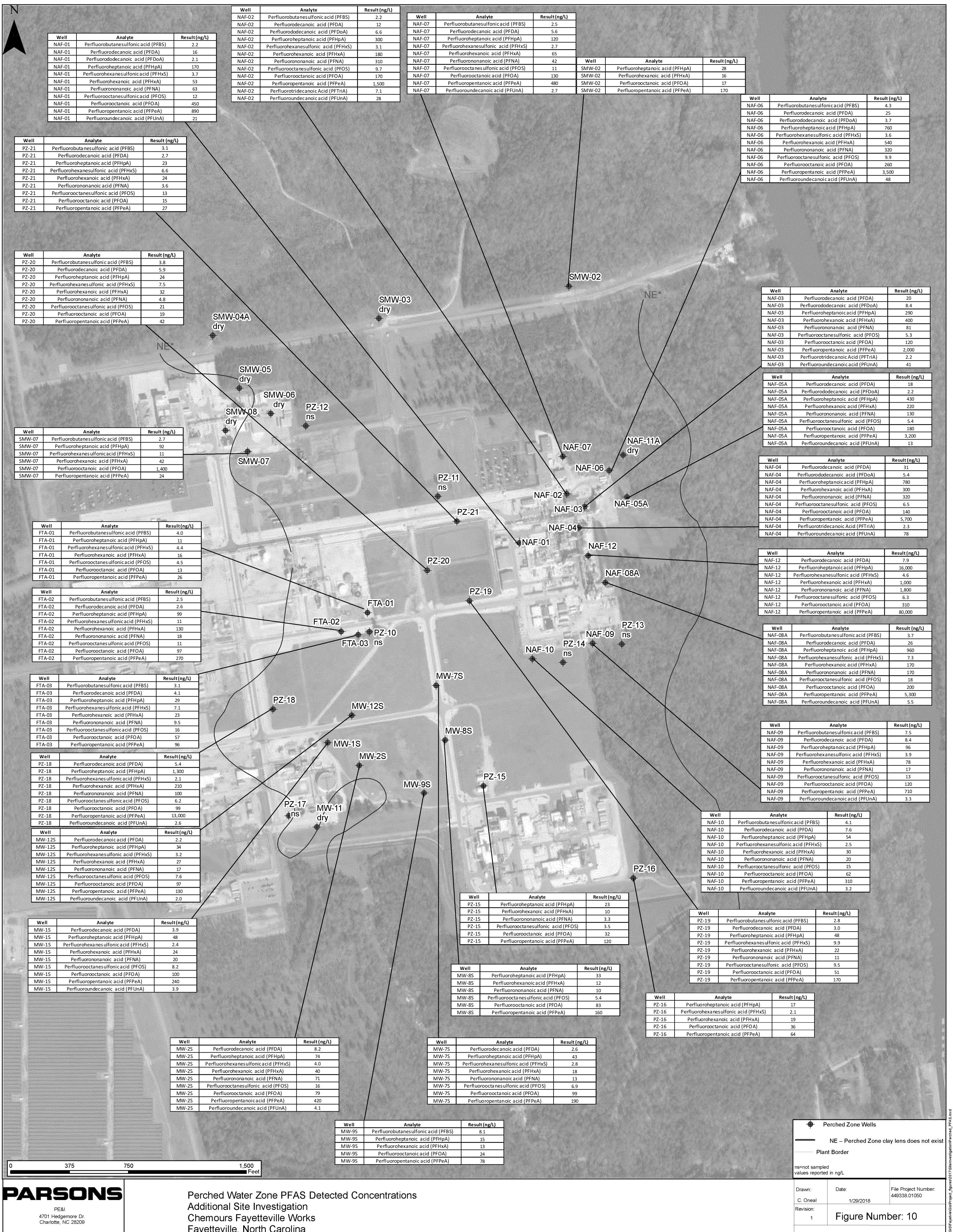
PARSONS

PE=1
OR L2Hedge more Drl
Charlotte QNC2SM T

Lack Creek quifer HFOHD Concentrations
Additional Site Investigation
Chemours Fayetteville Works
Fayetteville, North Carolina

Drawn Date File Project Number
CIOneal 2. MT M LS OOTNSI L P
Revision L Figure Number 2T

Name 2 Lack Creek quifer_GenX



Perched Water Zone PFAS Detected Concentrations
Additional Site Investigation
Chemours Fayetteville Works
Fayetteville, North Carolina

The logo consists of the word "PARSONS" in a large, bold, black sans-serif font at the top. Below it, the letters "PE&I" are in a smaller, regular black font. Underneath "PE&I", the address "4701 Hedgemore Dr." is in a medium-sized black font, followed by "Charlotte, NC 28209" in a slightly smaller black font.

	Perched Zone Wells	
	NE – Perched Zone clay lens does not exist	
	Plant Border	
ns=not sampled values reported in ng/L		
Drawn:	Date:	File Project Number:
C. Oneal	1/29/2018	449338.01050
Revision:	Figure Number: 10	
1	Figure Number: 10	
Name: Perched PEAS		



N



NE*

BCA-01

Well	Analyte	Result (ng/L)
BCA-01	Perfluoroheptanoic acid (PFHpA)	4.6
BCA-01	Perfluorohexanoic acid (PFHxA)	7.4
BCA-01	Perfluoropentanoic acid (PFPeA)	350

Cape Fear River

BCA-03

Well	Analyte	Result (ng/L)
BCA-03	Perfluorobutanesulfonic acid (PFBS)	2.0
BCA-03	Perfluoroheptanoic acid (PFHpA)	71
BCA-03	Perfluorohexanesulfonic acid (PFHxS)	2.4
BCA-03	Perfluorohexanoic acid (PFHxA)	27
BCA-03	Perfluorooctanoic acid (PFOA)	11
BCA-03	Perfluoropentanoic acid (PFPeA)	410

BCA-02

BCA-04

Well	Analyte	Result (ng/L)
BCA-02	Perfluorobutanesulfonic acid (PFBS)	4.0
BCA-02	Perfluoroheptanoic acid (PFHpA)	39
BCA-02	Perfluorohexanesulfonic acid (PFHxS)	5.3
BCA-02	Perfluorohexanoic acid (PFHxA)	24
BCA-02	Perfluorononanoic acid (PFNA)	10
BCA-02	Perfluorooctanesulfonic acid (PFOS)	3.7
BCA-02	Perfluorooctanoic acid (PFOA)	25
BCA-02	Perfluoropentanoic acid (PFPeA)	150

Black Creek Aquifer Wells

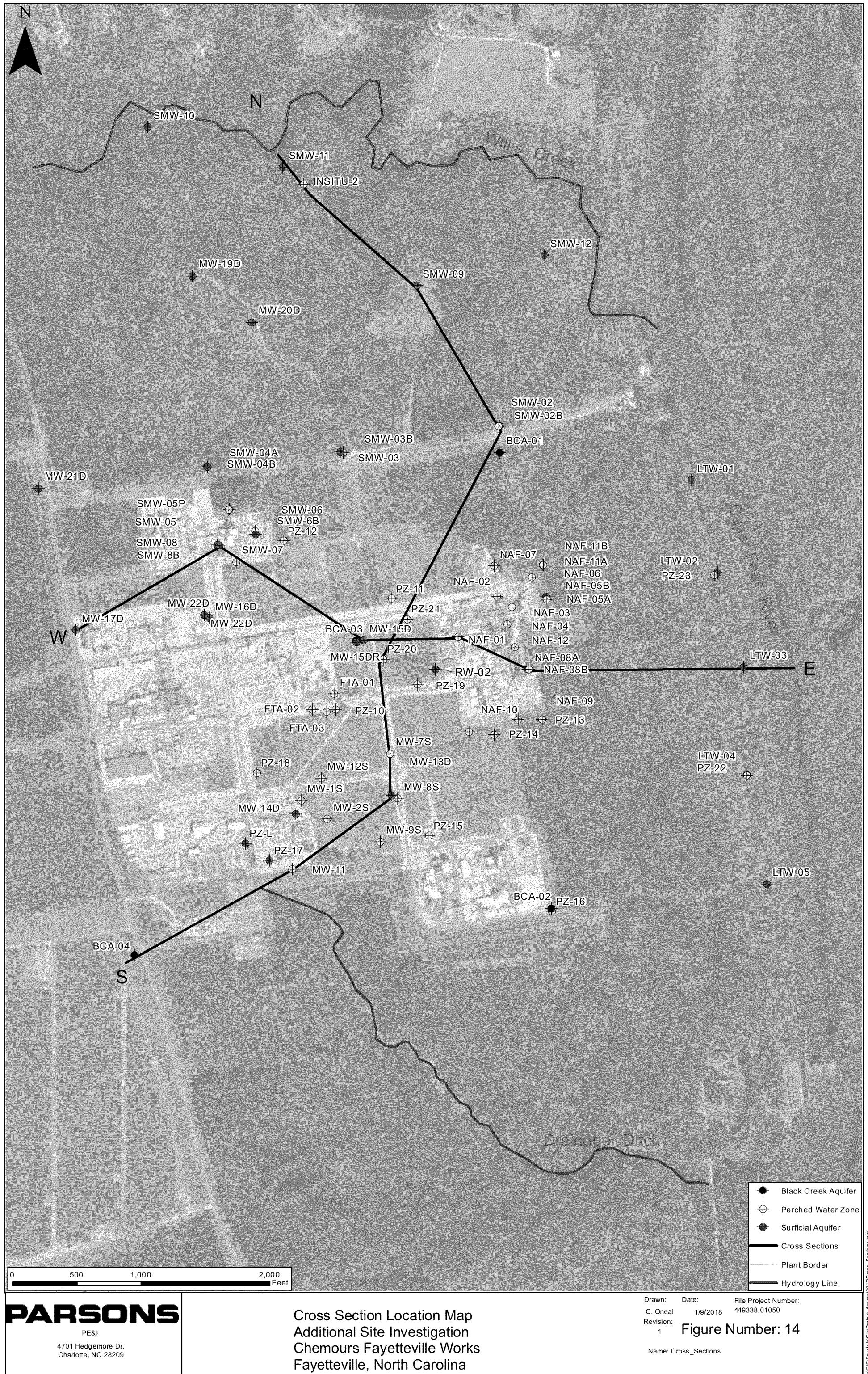
NE – Perched Zone clay lens does not exist
Plant Borderns=not sampled
values reported in ng/L

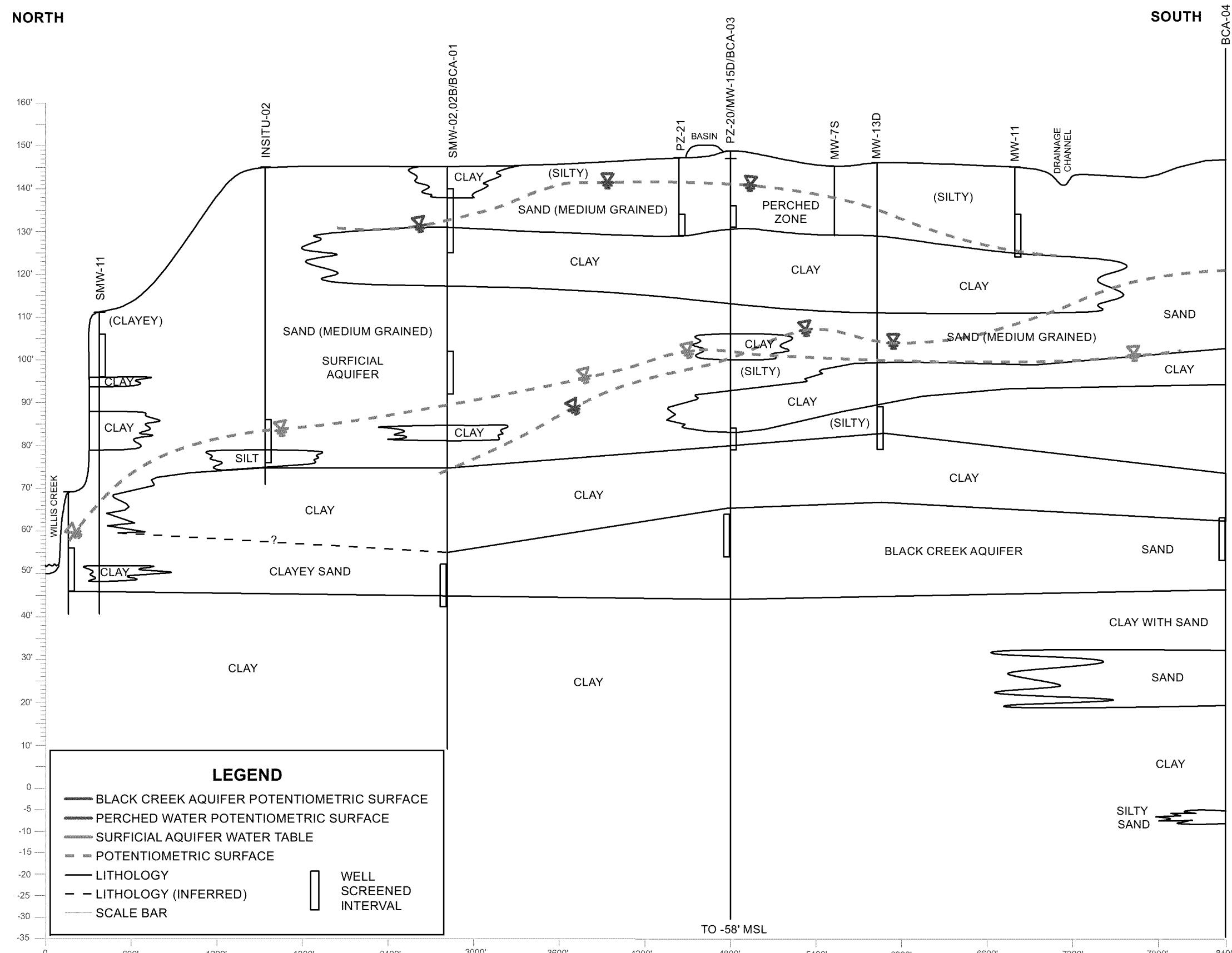
0 500 1,000 2,000 Feet

PARSONSPE&I
4701 Hedgemoor Dr.
Charlotte, NC 28209Black Creek Aquifer PFAS Detected Concentrations
Additional Site Investigation
Chemours Fayetteville Works
Fayetteville, North CarolinaDrawn: C. Oneal Date: 1/9/2018 File Project Number: 449338.01050
Revision: 1 Figure Number: 12

Name: BlackCreekAquifer_PFAS

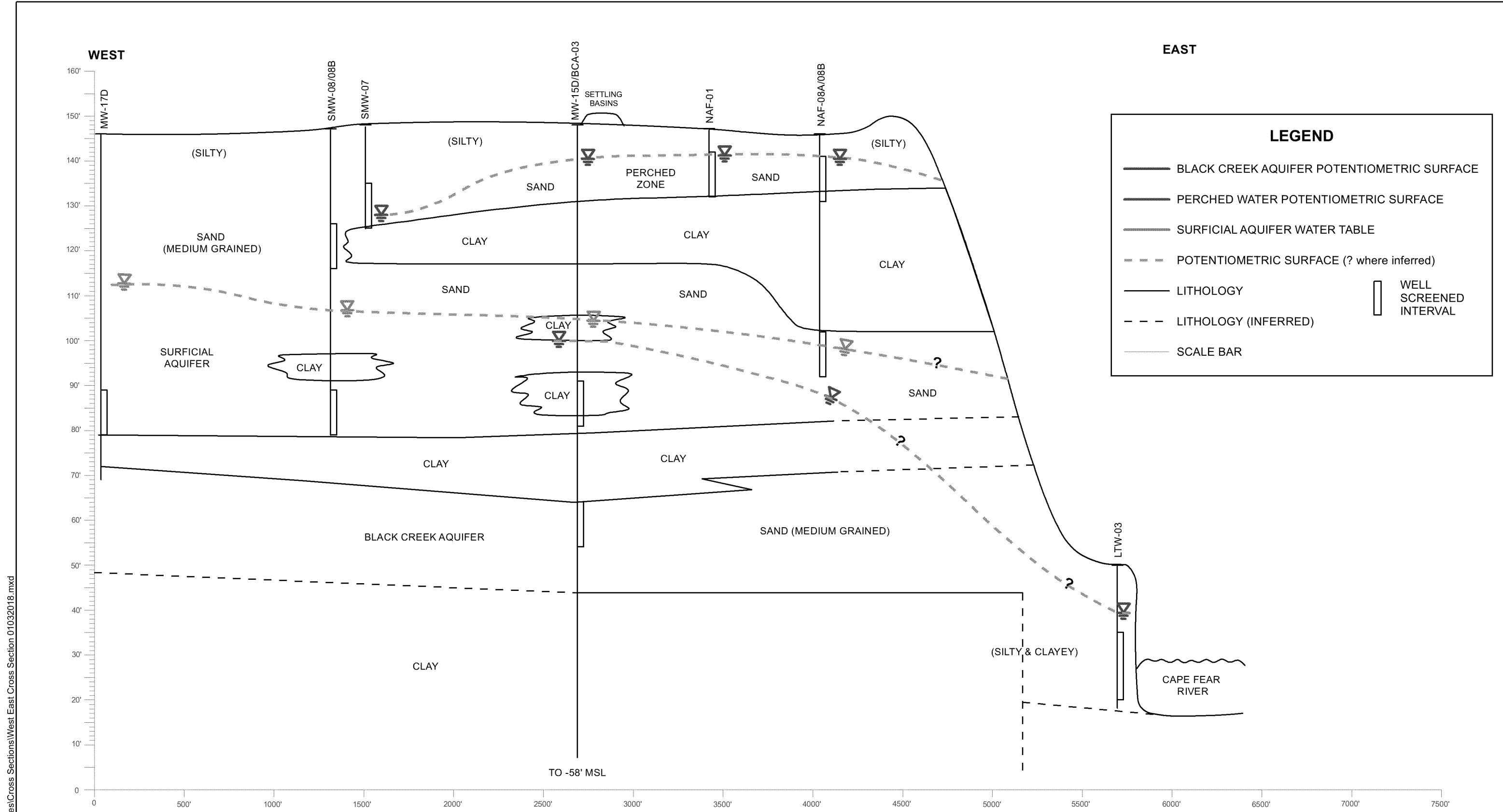




**PARSONS**4701 Hedgemore Drive
Charlotte, NC 28209

Title: North-South Cross Section Map (A-A')
 Additional Site Investigation
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Drawn/Approved:	RAH	File Project Number:	449338.01050
Date:	1/29/2018	Figure Number:	15
Revised:			
File Name: North South Cross Section 01032018			



PARSONS

4701 Hedgemore Drive
Charlotte, NC 28209

Title: West-East Cross Section Map (B-B')
Additional Site Investigation
Chemours Fayetteville Works
Fayetteville, North Carolina

Drawn/Approved: RAH	File Project Number: 449338.01050
Date: 1/30/2018	Figure Number: 16
Revised:	
File Name: West East Cross Section 01032018	

TABLES

TABLE 1
Target Compounds - List 1
 Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Analyte	Abbreviation	CAS Number
N-ethyl perfluorooctane sulfonamidoacetic acid	NEtFOSAA	2991-50-6
N-methyl perfluorooctane sulfonamidoacetic acid	NMeFOSAA	2355-31-9
Perfluorobutanesulfonic acid (PFBS)	PFBS	375-73-5
Perfluorodecanoic acid (PFDA)	PFDA	335-76-2
Perfluorododecanoic acid (PFDoA)	PFDoA	307-55-1
Perfluoroheptanoic acid (PFHpA)	PFHpA	375-85-9
Perfluorohexanesulfonic acid (PFHxS)	PFHxS	355-46-4
Perfluorohexanoic acid (PFHxA)	PFHxA	307-24-4
Perfluorononanoic acid (PFNA)	PFNA	375-95-1
Perfluorooctanesulfonic acid (PFOS)	PFOS	1763-23-1
Perfluorooctanoic acid (PFOA)	PFOA	335-67-1
Perfluorotetradecanoic acid (PFTeA)	PFTA	376-06-7
Perfluorotridecanoic Acid (PFTriA)	PFTrDA	72629-94-8
Perfluoroundecanoic acid (PFUnA)	PFUnA	2058-94-8
Perfluoropentanoic acid (PFPeA)	PFPeA	2706-90-3
Hexafluoropropylene oxide dimer acid	HFPO-DA	13252-13-6

TABLE 2
Target Compounds - List 2
 Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Compound Group	Analyte	Abbreviation	CAS Number
Monoether PFECAs	C3HF5O3	PFMOAA	674-13-5
	C5HF9O3	PFECA-A	863090-89-5
	C7HF13O3	PFECA-G	174767-10-3
	C4HF7O3	PFECA-F	377-73-1
Polyether PFECAs	C4HF7O4	PFO2HxA	39492-88-1
	C5HF9O5	PFO3OA	39492-89-2
	C6HF11O6	PFO4DA	39492-90-5
	C7HF13O7	PFO5DA	39492-91-6
PFESAs	C7H2F14O5S	PFESA Byproduct 2	749836-20-2
	C7HF13O5S	PFESA Byproduct 1	66796-30-3

TABLE 3
Monitoring Well Gauging Results

Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Well ID	Date Measured	Measuring Point Elevation (ft MSL)	Depth to Water from Top of Casing (feet)	Groundwater Elevation (ft MSL)	Screened Interval (ft bgs)	Hydrogeologic Unit
BCA-01	12/14/2017	146.297	59.57	86.73	91 - 101	Black Creek Aquifer
BCA-02	12/14/2017	148.421	74.67	73.75	92 - 102	Black Creek Aquifer
BCA-03	12/14/2017	150.579	49.51	101.07	93 - 103	Black Creek Aquifer
BCA-04	12/14/2017	150.241	30.05	120.19	94 - 104	Black Creek Aquifer
DMS-42V1	12/4/2017	154.36	23.73	130.63	115 - 125	Black Creek Aquifer
DMS-42V2	12/4/2017	154.03	19.52	134.51	20 - 30	Surficial Aquifer
DMS-42V3	12/4/2017	154.24	23.68	130.56	182 - 192	Black Creek Aquifer
DMS-42V4	12/4/2017	154.16	178.7	-24.54	253 - 263	Upper Cape Fear Confining Unit
DMS-42V5	12/4/2017	153.86	205.01	-51.15	310 - 320	Upper Cape Fear
DMS-42V6	12/4/2017	153.73	19.56	134.17	80 - 90	Surficial Aquifer
FTA-01	12/14/2017	150.63	16.07	134.56	12 - 22	Perched Zone
FTA-02	12/14/2017	150.28	17.72	132.56	11.5 - 21.5	Perched Zone
FTA-03	12/14/2017	151.08	17.75	133.33	12 - 22	Perched Zone
INSITU-1	12/14/2017	118.20	9.41	108.79	7 - 17	Surficial Aquifer
INSITU-2	12/14/2017	113.12	dry	< 92.88	7 - 17	Surficial Aquifer
LTW-01	12/14/2017	53.83	16.41	37.42	11 - 26	Surficial Aquifer
LTW-02	12/14/2017	52.48	9.81	42.67	28 - 38	Surficial Aquifer
LTW-03	12/14/2017	52.91	12.73	40.18	15 - 30	Surficial Aquifer
LTW-04	12/14/2017	51.86	9.86	42.00	12 - 27	Surficial Aquifer
LTW-05	12/14/2017	52.01	9.99	42.02	29 - 44	Surficial Aquifer
MW-11	12/14/2017	148.53	dry	dry	11.5 - 21.5	Perched Zone
MW-12S	12/14/2017	152.06	20.79	131.27	17.5 - 22.5	Perched Zone
MW-13D	12/14/2017	148.65	45.06	103.59	57 - 67	Surficial Aquifer
MW-14D	12/14/2017	149.73	41.06	108.67	62 - 72	Surficial Aquifer
MW-15DR	12/14/2017	150.361	46.14	104.22	47 - 57	Surficial Aquifer

January 2018

Permit No. NCD047368642-R1

TABLE 3
Monitoring Well Gauging Results

Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Well ID	Date Measured	Measuring Point Elevation (ft MSL)	Depth to Water from Top of Casing (feet)	Groundwater Elevation (ft MSL)	Screened Interval (ft bgs)	Hydrogeologic Unit
MW-16D	12/14/2017	148.41	36.62	111.79	72 - 82	Surficial Aquifer
MW-17D	12/14/2017	146.12	30.31	115.81	57 - 67	Surficial Aquifer
MW-18D	12/14/2017	107.574	20.86	86.71	50 - 60	Surficial Aquifer
MW-19D	12/14/2017	139.55	51.98	87.57	46 - 56	Surficial Aquifer
MW-1S	12/14/2017	149.93	19.47	130.46	21 - 24	Perched Zone
MW-20D	12/14/2017	137.182	48.41	88.77	65 - 75	Surficial Aquifer
MW-21D	12/14/2017	151.384	46.40	104.98	72 - 82	Surficial Aquifer
MW-22D	12/14/2017	149.063	36.49	112.57	52 - 72	Surficial Aquifer
MW-2S	12/14/2017	149.91	19.89	130.02	19 - 23	Perched Zone
MW-7S	12/14/2017	147.47	11.49	135.98	---	Perched Zone
MW-8S	12/14/2017	146.48	12.21	134.27	---	Perched Zone
MW-9S	12/14/2017	154.39	21.43	132.96	17.5 - 22.5	Perched Zone
NAF-01	12/14/2017	149.66	8.38	141.28	5 - 15	Perched Zone
NAF-02	12/14/2017	150.31	9.70	140.61	5 - 15	Perched Zone
NAF-03	12/14/2017	148.10	10.13	137.97	5 - 15	Perched Zone
NAF-04	12/14/2017	150.44	7.31	143.13	5 - 15	Perched Zone
NAF-05A	12/14/2017	146.64	nm	na	---	Perched Zone
NAF-05B	12/14/2017	146.43	nm	na	---	Surficial Aquifer
NAF-06	12/14/2017	146.43	11.44	134.99	2.75 - 12.75	Perched Zone
NAF-07	12/14/2017	149.69	9.47	140.22	5.5 - 15.5	Perched Zone
NAF-08A	12/14/2017	148.82	9.05	139.77	5 - 15	Perched Zone
NAF-08B	12/14/2017	148.86	50.88	97.98	43.5 - 53.5	Surficial Aquifer
NAF-09	12/14/2017	149.29	12.56	136.73	7 - 17	Perched Zone
NAF-10	12/14/2017	150.00	12.87	137.13	8.25 - 18.25	Perched Zone
NAF-11A	12/14/2017	140.59	dry	dry	2.5 - 7.5	Perched Zone
NAF-11B	12/14/2017	140.74	46.80	93.94	33.5 - 43.5	Surficial Aquifer

TABLE 3
Monitoring Well Gauging Results

Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Well ID	Date Measured	Measuring Point Elevation (ft MSL)	Depth to Water from Top of Casing (feet)	Groundwater Elevation (ft MSL)	Screened Interval (ft bgs)	Hydrogeologic Unit
NAF-12	12/14/2017	145.79	7.04	138.75	18 - 23	Perched Zone
PZ-10	damaged	148.66	nm	na	15 - 20	Perched Zone
PZ-11	12/14/2047	151.03	12.67	138.36	15 - 20	Perched Zone
PZ-12	12/14/2047	150.91	19.26	131.65	15.1 - 20.1	Perched Zone
PZ-13	12/14/2047	149.20	12.12	137.08	7.1 - 12.1	Perched Zone
PZ-14	12/14/2047	148.38	12.51	135.87	9 - 14	Perched Zone
PZ-15	12/14/2047	148.79	17.10	131.69	10.2 - 15.2	Perched Zone
PZ-16	12/14/2047	149.11	14.05	135.06	9.2 - 14.2	Perched Zone
PZ-17	12/14/2047	150.08	dry	dry	21.1 - 26.1	Perched Zone
PZ-18	12/14/2047	150.83	21.31	129.52	19.1 - 24.1	Perched Zone
PZ-19	12/14/2047	150.62	12.15	138.47	11 - 16	Perched Zone
PZ-20	12/14/2047	152.03	12.57	139.46	13 - 18	Perched Zone
PZ-21	12/14/2047	149.21	8.70	140.51	13 - 18	Perched Zone
PZ-22	12/14/2047	51.81	7.86	43.95	36 - 46	Surficial Aquifer
PZ-23	12/14/2047	53.66	7.03	46.63	47 - 52	Surficial Aquifer
SMW-01	12/14/2047	---	13.41		5 - 15	Surficial Aquifer
SMW-02	12/14/2047	147.93	16.54	131.39	5 - 20	Perched Zone
SMW-02B	12/14/2047	145.21	dry	< 89.14	43 - 53	Surficial Aquifer
SMW-03	12/14/2047	151.09	dry	dry	10 - 20	Perched Zone
SMW-03B	12/14/2047	150.43	57.98	92.45	72 - 82	Surficial Aquifer
SMW-04A	12/14/2047	148.09	dry	< 110.86	19.5 - 34.5	Perched Zone
SMW-04B	12/14/2047	148.37	46.56	101.81	43 - 53	Surficial Aquifer
SMW-05	12/14/2047	148.10	dry	< 125.36	10 - 20	Perched Zone
SMW-05P	12/14/2047	149.32	45.16	104.16	45 - 60	Surficial Aquifer
SMW-06	12/14/2047	150.97	dry	< 126.18	12 - 22	Perched Zone
SMW-06B	12/14/2047	150.32	48.05	102.27	58 - 68	Surficial Aquifer

January 2018

Permit No. NCD047368642-R1

TABLE 3
Monitoring Well Gauging Results

Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Well ID	Date Measured	Measuring Point Elevation (ft MSL)	Depth to Water from Top of Casing (feet)	Groundwater Elevation (ft MSL)	Screened Interval (ft bgs)	Hydrogeologic Unit
SMW-07	12/14/2047	147.64	19.73	127.91	13 - 23	Perched Zone
SMW-08	12/14/2047	151.02	dry	dry	21 - 31	Perched Zone
SMW-08B	12/14/2047	148.81	41.63	107.18	58 - 68	Surficial Aquifer
SMW-09	12/14/2047	141.43	57.43	84.00	52 - 62	Surficial Aquifer
SMW-10	12/14/2047	76.26	29.51	46.75	39 - 49	Surficial Aquifer
SMW-11	12/14/2047	71.95	14.26	57.69	13 - 23	Surficial Aquifer
SMW-12	12/14/2047	118.22	95.26	22.96	88 - 98	Surficial Aquifer

Notes:

- ft MSL = feet Mean Sea Level
- ft bgs = feet below ground surface
- dry = well was dry
- < = well was dry, groundwater elevation is less than the indicated value
- nm = not measured
- na = not applicable
- "--" = unknown

TABLE 4a
Perched Zone Water PFAS - List 1 Concentrations

Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Date	Parameter Name	Result (ng/L)
FTA-01	FAY-GWASI-FTA-01	11/30/2017	HFPO Dimer Acid	1800 J
FTA-01	FAY-GWASI-FTA-01	11/30/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
FTA-01	FAY-GWASI-FTA-01	11/30/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
FTA-01	FAY-GWASI-FTA-01	11/30/2017	Perfluorobutane Sulfonic Acid	3.8
FTA-01	FAY-GWASI-FTA-01	11/30/2017	Perfluorodecanoic Acid	<2.0
FTA-01	FAY-GWASI-FTA-01	11/30/2017	Perfluorododecanoic Acid	<2.0
FTA-01	FAY-GWASI-FTA-01	11/30/2017	Perfluoroheptanoic Acid	11
FTA-01	FAY-GWASI-FTA-01	11/30/2017	Perfluorohexane Sulfonic Acid	4.4
FTA-01	FAY-GWASI-FTA-01	11/30/2017	Perfluorohexanoic Acid	17
FTA-01	FAY-GWASI-FTA-01	11/30/2017	Perfluorononanoic Acid	<2.0
FTA-01	FAY-GWASI-FTA-01	11/30/2017	Perfluoropentanoic Acid	26
FTA-01	FAY-GWASI-FTA-01	11/30/2017	Perfluorotetradecanoic Acid	<2.0
FTA-01	FAY-GWASI-FTA-01	11/30/2017	Perfluorotridecanoic Acid	<2.0
FTA-01	FAY-GWASI-FTA-01	11/30/2017	Perfluoroundecanoic Acid	<2.0
FTA-01	FAY-GWASI-FTA-01	11/30/2017	PFOA	13
FTA-01	FAY-GWASI-FTA-01	11/30/2017	PFOS	5
FTA-02	FAY-GWASI-FTA-02	11/30/2017	HFPO Dimer Acid	11,000 J
FTA-02	FAY-GWASI-FTA-02	11/30/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
FTA-02	FAY-GWASI-FTA-02	11/30/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
FTA-02	FAY-GWASI-FTA-02	11/30/2017	Perfluorobutane Sulfonic Acid	2.5
FTA-02	FAY-GWASI-FTA-02	11/30/2017	Perfluorodecanoic Acid	2.6
FTA-02	FAY-GWASI-FTA-02	11/30/2017	Perfluorododecanoic Acid	<2.0
FTA-02	FAY-GWASI-FTA-02	11/30/2017	Perfluoroheptanoic Acid	99
FTA-02	FAY-GWASI-FTA-02	11/30/2017	Perfluorohexane Sulfonic Acid	11
FTA-02	FAY-GWASI-FTA-02	11/30/2017	Perfluorohexanoic Acid	130
FTA-02	FAY-GWASI-FTA-02	11/30/2017	Perfluorononanoic Acid	18
FTA-02	FAY-GWASI-FTA-02	11/30/2017	Perfluoropentanoic Acid	270
FTA-02	FAY-GWASI-FTA-02	11/30/2017	Perfluorotetradecanoic Acid	<2.0
FTA-02	FAY-GWASI-FTA-02	11/30/2017	Perfluorotridecanoic Acid	<2.0
FTA-02	FAY-GWASI-FTA-02	11/30/2017	Perfluoroundecanoic Acid	<2.0
FTA-02	FAY-GWASI-FTA-02	11/30/2017	PFOA	97
FTA-02	FAY-GWASI-FTA-02	11/30/2017	PFOS	11
FTA-03	FAY-GWASI-FTA-03	11/30/2017	HFPO Dimer Acid	8700 J
FTA-03	FAY-GWASI-FTA-03	11/30/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
FTA-03	FAY-GWASI-FTA-03	11/30/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
FTA-03	FAY-GWASI-FTA-03	11/30/2017	Perfluorobutane Sulfonic Acid	3.1
FTA-03	FAY-GWASI-FTA-03	11/30/2017	Perfluorodecanoic Acid	4.1
FTA-03	FAY-GWASI-FTA-03	11/30/2017	Perfluorododecanoic Acid	<2.0
FTA-03	FAY-GWASI-FTA-03	11/30/2017	Perfluoroheptanoic Acid	29
FTA-03	FAY-GWASI-FTA-03	11/30/2017	Perfluorohexane Sulfonic Acid	7.1
FTA-03	FAY-GWASI-FTA-03	11/30/2017	Perfluorohexanoic Acid	23
FTA-03	FAY-GWASI-FTA-03	11/30/2017	Perfluorononanoic Acid	9.5
FTA-03	FAY-GWASI-FTA-03	11/30/2017	Perfluoropentanoic Acid	96
FTA-03	FAY-GWASI-FTA-03	11/30/2017	Perfluorotetradecanoic Acid	<2.0
FTA-03	FAY-GWASI-FTA-03	11/30/2017	Perfluorotridecanoic Acid	<2.0
FTA-03	FAY-GWASI-FTA-03	11/30/2017	Perfluoroundecanoic Acid	<2.0
FTA-03	FAY-GWASI-FTA-03	11/30/2017	PFOA	57
FTA-03	FAY-GWASI-FTA-03	11/30/2017	PFOS	16
MW-12S	FAY-GWASI-MW-12S	11/22/2017	HFPO Dimer Acid	11,000
MW-12S	FAY-GWASI-MW-12S	11/22/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
MW-12S	FAY-GWASI-MW-12S	11/22/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
MW-12S	FAY-GWASI-MW-12S	11/22/2017	Perfluorobutane Sulfonic Acid	<2.0
MW-12S	FAY-GWASI-MW-12S	11/22/2017	Perfluorodecanoic Acid	2.2

January 2018

TABLE 4a
Perched Zone Water PFAS - List 1 Concentrations

Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Date	Parameter Name	Result (ng/L)
MW-12S	FAY-GWASI-MW-12S	11/22/2017	Perfluorododecanoic Acid	<2.0
MW-12S	FAY-GWASI-MW-12S	11/22/2017	Perfluoroheptanoic Acid	34
MW-12S	FAY-GWASI-MW-12S	11/22/2017	Perfluorohexane Sulfonic Acid	3.2
MW-12S	FAY-GWASI-MW-12S	11/22/2017	Perfluorohexanoic Acid	27
MW-12S	FAY-GWASI-MW-12S	11/22/2017	Perfluorononanoic Acid	17
MW-12S	FAY-GWASI-MW-12S	11/22/2017	Perfluoropentanoic Acid	130
MW-12S	FAY-GWASI-MW-12S	11/22/2017	Perfluorotetradecanoic Acid	<2.0
MW-12S	FAY-GWASI-MW-12S	11/22/2017	Perfluorotridecanoic Acid	<2.0
MW-12S	FAY-GWASI-MW-12S	11/22/2017	Perfluoroundecanoic Acid	2
MW-12S	FAY-GWASI-MW-12S	11/22/2017	PFOA	97
MW-12S	FAY-GWASI-MW-12S	11/22/2017	PFOS	7.6
MW-1S	FAY-GWASI-MW-1S	11/22/2017	HFPO Dimer Acid	12,000
MW-1S	FAY-GWASI-MW-1S	11/22/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
MW-1S	FAY-GWASI-MW-1S	11/22/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
MW-1S	FAY-GWASI-MW-1S	11/22/2017	Perfluorobutane Sulfonic Acid	<2.0
MW-1S	FAY-GWASI-MW-1S	11/22/2017	Perfluorodecanoic Acid	3.9
MW-1S	FAY-GWASI-MW-1S	11/22/2017	Perfluorododecanoic Acid	<2.0
MW-1S	FAY-GWASI-MW-1S	11/22/2017	Perfluoroheptanoic Acid	48
MW-1S	FAY-GWASI-MW-1S	11/22/2017	Perfluorohexane Sulfonic Acid	2.4
MW-1S	FAY-GWASI-MW-1S	11/22/2017	Perfluorohexanoic Acid	24
MW-1S	FAY-GWASI-MW-1S	11/22/2017	Perfluorononanoic Acid	20
MW-1S	FAY-GWASI-MW-1S	11/22/2017	Perfluoropentanoic Acid	240
MW-1S	FAY-GWASI-MW-1S	11/22/2017	Perfluorotetradecanoic Acid	<2.0
MW-1S	FAY-GWASI-MW-1S	11/22/2017	Perfluorotridecanoic Acid	<2.0
MW-1S	FAY-GWASI-MW-1S	11/22/2017	Perfluoroundecanoic Acid	3.9
MW-1S	FAY-GWASI-MW-1S	11/22/2017	PFOA	100
MW-1S	FAY-GWASI-MW-1S	11/22/2017	PFOS	8.2
MW-2S	FAY-GWASI-MW-2S	11/22/2017	HFPO Dimer Acid	13,000
MW-2S	FAY-GWASI-MW-2S	11/22/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
MW-2S	FAY-GWASI-MW-2S	11/22/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
MW-2S	FAY-GWASI-MW-2S	11/22/2017	Perfluorobutane Sulfonic Acid	<2.0
MW-2S	FAY-GWASI-MW-2S	11/22/2017	Perfluorodecanoic Acid	8.2
MW-2S	FAY-GWASI-MW-2S	11/22/2017	Perfluorododecanoic Acid	<2.0
MW-2S	FAY-GWASI-MW-2S	11/22/2017	Perfluoroheptanoic Acid	74
MW-2S	FAY-GWASI-MW-2S	11/22/2017	Perfluorohexane Sulfonic Acid	4
MW-2S	FAY-GWASI-MW-2S	11/22/2017	Perfluorohexanoic Acid	40
MW-2S	FAY-GWASI-MW-2S	11/22/2017	Perfluorononanoic Acid	71
MW-2S	FAY-GWASI-MW-2S	11/22/2017	Perfluoropentanoic Acid	420
MW-2S	FAY-GWASI-MW-2S	11/22/2017	Perfluorotetradecanoic Acid	<2.0
MW-2S	FAY-GWASI-MW-2S	11/22/2017	Perfluorotridecanoic Acid	<2.0
MW-2S	FAY-GWASI-MW-2S	11/22/2017	Perfluoroundecanoic Acid	4.1
MW-2S	FAY-GWASI-MW-2S	11/22/2017	PFOA	79
MW-2S	FAY-GWASI-MW-2S	11/22/2017	PFOS	16
MW-7S	FAY-GWASI-MW-7S	11/29/2017	HFPO Dimer Acid	22,000
MW-7S	FAY-GWASI-MW-7S	11/29/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
MW-7S	FAY-GWASI-MW-7S	11/29/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
MW-7S	FAY-GWASI-MW-7S	11/29/2017	Perfluorobutane Sulfonic Acid	<2.0
MW-7S	FAY-GWASI-MW-7S	11/29/2017	Perfluorodecanoic Acid	2.6
MW-7S	FAY-GWASI-MW-7S	11/29/2017	Perfluorododecanoic Acid	<2.0
MW-7S	FAY-GWASI-MW-7S	11/29/2017	Perfluoroheptanoic Acid	43
MW-7S	FAY-GWASI-MW-7S	11/29/2017	Perfluorohexane Sulfonic Acid	2.8
MW-7S	FAY-GWASI-MW-7S	11/29/2017	Perfluorohexanoic Acid	18
MW-7S	FAY-GWASI-MW-7S	11/29/2017	Perfluorononanoic Acid	13

January 2018

TABLE 4a
Perched Zone Water PFAS - List 1 Concentrations

Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Date	Parameter Name	Result (ng/L)
MW-7S	FAY-GWASI-MW-7S	11/29/2017	Perfluoropentanoic Acid	190
MW-7S	FAY-GWASI-MW-7S	11/29/2017	Perfluorotetradecanoic Acid	<2.0
MW-7S	FAY-GWASI-MW-7S	11/29/2017	Perfluorotridecanoic Acid	<2.0
MW-7S	FAY-GWASI-MW-7S	11/29/2017	Perfluoroundecanoic Acid	<2.0
MW-7S	FAY-GWASI-MW-7S	11/29/2017	PFOA	99
MW-7S	FAY-GWASI-MW-7S	11/29/2017	PFOS	6.9
MW-8S	FAY-GWASI-MW-8S	11/29/2017	HFPO Dimer Acid	18,000
MW-8S	FAY-GWASI-MW-8S	11/29/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
MW-8S	FAY-GWASI-MW-8S	11/29/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
MW-8S	FAY-GWASI-MW-8S	11/29/2017	Perfluorobutane Sulfonic Acid	<2.0
MW-8S	FAY-GWASI-MW-8S	11/29/2017	Perfluorodecanoic Acid	<2.0
MW-8S	FAY-GWASI-MW-8S	11/29/2017	Perfluorododecanoic Acid	<2.0
MW-8S	FAY-GWASI-MW-8S	11/29/2017	Perfluoroheptanoic Acid	33
MW-8S	FAY-GWASI-MW-8S	11/29/2017	Perfluorohexane Sulfonic Acid	<2.0
MW-8S	FAY-GWASI-MW-8S	11/29/2017	Perfluorohexanoic Acid	12
MW-8S	FAY-GWASI-MW-8S	11/29/2017	Perfluorononanoic Acid	10
MW-8S	FAY-GWASI-MW-8S	11/29/2017	Perfluoropentanoic Acid	160
MW-8S	FAY-GWASI-MW-8S	11/29/2017	Perfluorotetradecanoic Acid	<2.0
MW-8S	FAY-GWASI-MW-8S	11/29/2017	Perfluorotridecanoic Acid	<2.0
MW-8S	FAY-GWASI-MW-8S	11/29/2017	Perfluoroundecanoic Acid	<2.0
MW-8S	FAY-GWASI-MW-8S	11/29/2017	PFOA	83
MW-8S	FAY-GWASI-MW-8S	11/29/2017	PFOS	5.4
MW-9S	FAY-GWASI-MW-9S	11/29/2017	HFPO Dimer Acid	6300
MW-9S	FAY-GWASI-MW-9S	11/29/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
MW-9S	FAY-GWASI-MW-9S	11/29/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
MW-9S	FAY-GWASI-MW-9S	11/29/2017	Perfluorobutane Sulfonic Acid	8.1
MW-9S	FAY-GWASI-MW-9S	11/29/2017	Perfluorodecanoic Acid	<2.0
MW-9S	FAY-GWASI-MW-9S	11/29/2017	Perfluorododecanoic Acid	<2.0
MW-9S	FAY-GWASI-MW-9S	11/29/2017	Perfluoroheptanoic Acid	15
MW-9S	FAY-GWASI-MW-9S	11/29/2017	Perfluorohexane Sulfonic Acid	<2.0
MW-9S	FAY-GWASI-MW-9S	11/29/2017	Perfluorohexanoic Acid	13
MW-9S	FAY-GWASI-MW-9S	11/29/2017	Perfluorononanoic Acid	<2.0
MW-9S	FAY-GWASI-MW-9S	11/29/2017	Perfluoropentanoic Acid	78
MW-9S	FAY-GWASI-MW-9S	11/29/2017	Perfluorotetradecanoic Acid	<2.0
MW-9S	FAY-GWASI-MW-9S	11/29/2017	Perfluorotridecanoic Acid	<2.0
MW-9S	FAY-GWASI-MW-9S	11/29/2017	Perfluoroundecanoic Acid	<2.0
MW-9S	FAY-GWASI-MW-9S	11/29/2017	PFOA	24
MW-9S	FAY-GWASI-MW-9S	11/29/2017	PFOS	<2.0
NAF-01	FAY-GWASI-NAF-01	11/15/2017	HFPO Dimer Acid	51,000
NAF-01	FAY-GWASI-NAF-01	11/15/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
NAF-01	FAY-GWASI-NAF-01	11/15/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
NAF-01	FAY-GWASI-NAF-01	11/15/2017	Perfluorobutane Sulfonic Acid	2.2
NAF-01	FAY-GWASI-NAF-01	11/15/2017	Perfluorodecanoic Acid	16
NAF-01	FAY-GWASI-NAF-01	11/15/2017	Perfluorododecanoic Acid	2.1
NAF-01	FAY-GWASI-NAF-01	11/15/2017	Perfluoroheptanoic Acid	170
NAF-01	FAY-GWASI-NAF-01	11/15/2017	Perfluorohexane Sulfonic Acid	3.7
NAF-01	FAY-GWASI-NAF-01	11/15/2017	Perfluorohexanoic Acid	53
NAF-01	FAY-GWASI-NAF-01	11/15/2017	Perfluorononanoic Acid	63
NAF-01	FAY-GWASI-NAF-01	11/15/2017	Perfluoropentanoic Acid	890
NAF-01	FAY-GWASI-NAF-01	11/15/2017	Perfluorotetradecanoic Acid	<2.0
NAF-01	FAY-GWASI-NAF-01	11/15/2017	Perfluorotridecanoic Acid	<2.0
NAF-01	FAY-GWASI-NAF-01	11/15/2017	Perfluoroundecanoic Acid	21
NAF-01	FAY-GWASI-NAF-01	11/15/2017	PFOA	450

January 2018

TABLE 4a
Perched Zone Water PFAS - List 1 Concentrations

Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Date	Parameter Name	Result (ng/L)
NAF-01	FAY-GWASI-NAF-01	11/15/2017	PFOS	12
NAF-01	FAY-GWASI-NAF-01-D	11/15/2017	HFPO Dimer Acid	51,000
NAF-01	FAY-GWASI-NAF-01-D	11/15/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
NAF-01	FAY-GWASI-NAF-01-D	11/15/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
NAF-01	FAY-GWASI-NAF-01-D	11/15/2017	Perfluorobutane Sulfonic Acid	2.2
NAF-01	FAY-GWASI-NAF-01-D	11/15/2017	Perfluorodecanoic Acid	16
NAF-01	FAY-GWASI-NAF-01-D	11/15/2017	Perfluorododecanoic Acid	2.6
NAF-01	FAY-GWASI-NAF-01-D	11/15/2017	Perfluoroheptanoic Acid	170
NAF-01	FAY-GWASI-NAF-01-D	11/15/2017	Perfluorohexane Sulfonic Acid	4.1
NAF-01	FAY-GWASI-NAF-01-D	11/15/2017	Perfluorohexanoic Acid	52
NAF-01	FAY-GWASI-NAF-01-D	11/15/2017	Perfluorononanoic Acid	66
NAF-01	FAY-GWASI-NAF-01-D	11/15/2017	Perfluoropentanoic Acid	970
NAF-01	FAY-GWASI-NAF-01-D	11/15/2017	Perfluorotetradecanoic Acid	<2.0
NAF-01	FAY-GWASI-NAF-01-D	11/15/2017	Perfluorotridecanoic Acid	<2.0
NAF-01	FAY-GWASI-NAF-01-D	11/15/2017	Perfluoroundecanoic Acid	18
NAF-01	FAY-GWASI-NAF-01-D	11/15/2017	PFOA	430
NAF-01	FAY-GWASI-NAF-01-D	11/15/2017	PFOS	12
NAF-02	FAY-GWASI-NAF-02	11/15/2017	HFPO Dimer Acid	59,000
NAF-02	FAY-GWASI-NAF-02	11/15/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
NAF-02	FAY-GWASI-NAF-02	11/15/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
NAF-02	FAY-GWASI-NAF-02	11/15/2017	Perfluorobutane Sulfonic Acid	2.2
NAF-02	FAY-GWASI-NAF-02	11/15/2017	Perfluorodecanoic Acid	12
NAF-02	FAY-GWASI-NAF-02	11/15/2017	Perfluorododecanoic Acid	6.6
NAF-02	FAY-GWASI-NAF-02	11/15/2017	Perfluoroheptanoic Acid	300
NAF-02	FAY-GWASI-NAF-02	11/15/2017	Perfluorohexane Sulfonic Acid	3.1
NAF-02	FAY-GWASI-NAF-02	11/15/2017	Perfluorohexanoic Acid	180
NAF-02	FAY-GWASI-NAF-02	11/15/2017	Perfluorononanoic Acid	310
NAF-02	FAY-GWASI-NAF-02	11/15/2017	Perfluoropentanoic Acid	1500
NAF-02	FAY-GWASI-NAF-02	11/15/2017	Perfluorotetradecanoic Acid	<2.0
NAF-02	FAY-GWASI-NAF-02	11/15/2017	Perfluorotridecanoic Acid	7.1
NAF-02	FAY-GWASI-NAF-02	11/15/2017	Perfluoroundecanoic Acid	28
NAF-02	FAY-GWASI-NAF-02	11/15/2017	PFOA	170
NAF-02	FAY-GWASI-NAF-02	11/15/2017	PFOS	9.7
NAF-03	FAY-GWASI-NAF-03	11/15/2017	HFPO Dimer Acid	160,000
NAF-03	FAY-GWASI-NAF-03	11/15/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
NAF-03	FAY-GWASI-NAF-03	11/15/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
NAF-03	FAY-GWASI-NAF-03	11/15/2017	Perfluorobutane Sulfonic Acid	<2.0
NAF-03	FAY-GWASI-NAF-03	11/15/2017	Perfluorodecanoic Acid	20
NAF-03	FAY-GWASI-NAF-03	11/15/2017	Perfluorododecanoic Acid	8.4
NAF-03	FAY-GWASI-NAF-03	11/15/2017	Perfluoroheptanoic Acid	290
NAF-03	FAY-GWASI-NAF-03	11/15/2017	Perfluorohexane Sulfonic Acid	<2.0
NAF-03	FAY-GWASI-NAF-03	11/15/2017	Perfluorohexanoic Acid	400
NAF-03	FAY-GWASI-NAF-03	11/15/2017	Perfluorononanoic Acid	81
NAF-03	FAY-GWASI-NAF-03	11/15/2017	Perfluoropentanoic Acid	2000
NAF-03	FAY-GWASI-NAF-03	11/15/2017	Perfluorotetradecanoic Acid	<2.0
NAF-03	FAY-GWASI-NAF-03	11/15/2017	Perfluorotridecanoic Acid	2.2
NAF-03	FAY-GWASI-NAF-03	11/15/2017	Perfluoroundecanoic Acid	41
NAF-03	FAY-GWASI-NAF-03	11/15/2017	PFOA	120
NAF-03	FAY-GWASI-NAF-03	11/15/2017	PFOS	5.3
NAF-04	FAY-GWASI-NAF-04	11/15/2017	HFPO Dimer Acid	130,000
NAF-04	FAY-GWASI-NAF-04	11/15/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
NAF-04	FAY-GWASI-NAF-04	11/15/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
NAF-04	FAY-GWASI-NAF-04	11/15/2017	Perfluorobutane Sulfonic Acid	<2.0

January 2018

Permit No. NCD047368642-R1

TABLE 4a
Perched Zone Water PFAS - List 1 Concentrations

Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Date	Parameter Name	Result (ng/L)
NAF-04	FAY-GWASI-NAF-04	11/15/2017	Perfluorodecanoic Acid	31
NAF-04	FAY-GWASI-NAF-04	11/15/2017	Perfluorododecanoic Acid	5.4
NAF-04	FAY-GWASI-NAF-04	11/15/2017	Perfluoroheptanoic Acid	780
NAF-04	FAY-GWASI-NAF-04	11/15/2017	Perfluorohexane Sulfonic Acid	<2.0
NAF-04	FAY-GWASI-NAF-04	11/15/2017	Perfluorohexanoic Acid	300
NAF-04	FAY-GWASI-NAF-04	11/15/2017	Perfluorononanoic Acid	320
NAF-04	FAY-GWASI-NAF-04	11/15/2017	Perfluoropentanoic Acid	5700
NAF-04	FAY-GWASI-NAF-04	11/15/2017	Perfluorotetradecanoic Acid	<2.0
NAF-04	FAY-GWASI-NAF-04	11/15/2017	Perfluorotridecanoic Acid	2.3
NAF-04	FAY-GWASI-NAF-04	11/15/2017	Perfluoroundecanoic Acid	78
NAF-04	FAY-GWASI-NAF-04	11/15/2017	PFOA	140
NAF-04	FAY-GWASI-NAF-04	11/15/2017	PFOS	6.5
NAF-05A	FAY-GWASI-NAF-05A	11/08/2017	HFPO Dimer Acid	97,000 J
NAF-05A	FAY-GWASI-NAF-05A	11/08/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
NAF-05A	FAY-GWASI-NAF-05A	11/08/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
NAF-05A	FAY-GWASI-NAF-05A	11/08/2017	Perfluorobutane Sulfonic Acid	<2.0
NAF-05A	FAY-GWASI-NAF-05A	11/08/2017	Perfluorodecanoic Acid	18 J
NAF-05A	FAY-GWASI-NAF-05A	11/08/2017	Perfluorododecanoic Acid	2.2 J
NAF-05A	FAY-GWASI-NAF-05A	11/08/2017	Perfluoroheptanoic Acid	430 J
NAF-05A	FAY-GWASI-NAF-05A	11/08/2017	Perfluorohexane Sulfonic Acid	<2.0
NAF-05A	FAY-GWASI-NAF-05A	11/08/2017	Perfluorohexanoic Acid	220 J
NAF-05A	FAY-GWASI-NAF-05A	11/08/2017	Perfluorononanoic Acid	130 J
NAF-05A	FAY-GWASI-NAF-05A	11/08/2017	Perfluoropentanoic Acid	3200
NAF-05A	FAY-GWASI-NAF-05A	11/08/2017	Perfluorotetradecanoic Acid	<2.0
NAF-05A	FAY-GWASI-NAF-05A	11/08/2017	Perfluorotridecanoic Acid	<2.0
NAF-05A	FAY-GWASI-NAF-05A	11/08/2017	Perfluoroundecanoic Acid	13 J
NAF-05A	FAY-GWASI-NAF-05A	11/08/2017	PFOA	180 J
NAF-05A	FAY-GWASI-NAF-05A	11/08/2017	PFOS	5.4 J
NAF-06	FAY-GWASI-NAF-06	11/14/2017	HFPO Dimer Acid	140,000 J
NAF-06	FAY-GWASI-NAF-06	11/14/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
NAF-06	FAY-GWASI-NAF-06	11/14/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
NAF-06	FAY-GWASI-NAF-06	11/14/2017	Perfluorobutane Sulfonic Acid	4.3
NAF-06	FAY-GWASI-NAF-06	11/14/2017	Perfluorodecanoic Acid	25
NAF-06	FAY-GWASI-NAF-06	11/14/2017	Perfluorododecanoic Acid	3.7
NAF-06	FAY-GWASI-NAF-06	11/14/2017	Perfluoroheptanoic Acid	760
NAF-06	FAY-GWASI-NAF-06	11/14/2017	Perfluorohexane Sulfonic Acid	3.6
NAF-06	FAY-GWASI-NAF-06	11/14/2017	Perfluorohexanoic Acid	540
NAF-06	FAY-GWASI-NAF-06	11/14/2017	Perfluorononanoic Acid	320
NAF-06	FAY-GWASI-NAF-06	11/14/2017	Perfluoropentanoic Acid	3500
NAF-06	FAY-GWASI-NAF-06	11/14/2017	Perfluorotetradecanoic Acid	<2.0
NAF-06	FAY-GWASI-NAF-06	11/14/2017	Perfluorotridecanoic Acid	<2.0
NAF-06	FAY-GWASI-NAF-06	11/14/2017	Perfluoroundecanoic Acid	48
NAF-06	FAY-GWASI-NAF-06	11/14/2017	PFOA	260
NAF-06	FAY-GWASI-NAF-06	11/14/2017	PFOS	9.9
NAF-07	FAY-GWASI-NAF-07	11/15/2017	HFPO Dimer Acid	29,000
NAF-07	FAY-GWASI-NAF-07	11/15/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
NAF-07	FAY-GWASI-NAF-07	11/15/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
NAF-07	FAY-GWASI-NAF-07	11/15/2017	Perfluorobutane Sulfonic Acid	2.5
NAF-07	FAY-GWASI-NAF-07	11/15/2017	Perfluorodecanoic Acid	5.6
NAF-07	FAY-GWASI-NAF-07	11/15/2017	Perfluorododecanoic Acid	<2.0
NAF-07	FAY-GWASI-NAF-07	11/15/2017	Perfluoroheptanoic Acid	120
NAF-07	FAY-GWASI-NAF-07	11/15/2017	Perfluorohexane Sulfonic Acid	2.7
NAF-07	FAY-GWASI-NAF-07	11/15/2017	Perfluorohexanoic Acid	65

January 2018

TABLE 4a
Perched Zone Water PFAS - List 1 Concentrations

Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Date	Parameter Name	Result (ng/L)
NAF-07	FAY-GWASI-NAF-07	11/15/2017	Perfluorononanoic Acid	42
NAF-07	FAY-GWASI-NAF-07	11/15/2017	Perfluoropentanoic Acid	480
NAF-07	FAY-GWASI-NAF-07	11/15/2017	Perfluorotetradecanoic Acid	<2.0
NAF-07	FAY-GWASI-NAF-07	11/15/2017	Perfluorotridecanoic Acid	<2.0
NAF-07	FAY-GWASI-NAF-07	11/15/2017	Perfluoroundecanoic Acid	2.7
NAF-07	FAY-GWASI-NAF-07	11/15/2017	PFOA	130
NAF-07	FAY-GWASI-NAF-07	11/15/2017	PFOS	11
NAF-08A	FAY-GWASI-NAF-08A	11/15/2017	HFPO Dimer Acid	110,000
NAF-08A	FAY-GWASI-NAF-08A	11/15/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
NAF-08A	FAY-GWASI-NAF-08A	11/15/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
NAF-08A	FAY-GWASI-NAF-08A	11/15/2017	Perfluorobutane Sulfonic Acid	3.7
NAF-08A	FAY-GWASI-NAF-08A	11/15/2017	Perfluorodecanoic Acid	26
NAF-08A	FAY-GWASI-NAF-08A	11/15/2017	Perfluorododecanoic Acid	<2.0
NAF-08A	FAY-GWASI-NAF-08A	11/15/2017	Perfluoroheptanoic Acid	960
NAF-08A	FAY-GWASI-NAF-08A	11/15/2017	Perfluorohexane Sulfonic Acid	7.3
NAF-08A	FAY-GWASI-NAF-08A	11/15/2017	Perfluorohexanoic Acid	170
NAF-08A	FAY-GWASI-NAF-08A	11/15/2017	Perfluorononanoic Acid	170
NAF-08A	FAY-GWASI-NAF-08A	11/15/2017	Perfluoropentanoic Acid	5300
NAF-08A	FAY-GWASI-NAF-08A	11/15/2017	Perfluorotetradecanoic Acid	<2.0
NAF-08A	FAY-GWASI-NAF-08A	11/15/2017	Perfluorotridecanoic Acid	<2.0
NAF-08A	FAY-GWASI-NAF-08A	11/15/2017	Perfluoroundecanoic Acid	5.5
NAF-08A	FAY-GWASI-NAF-08A	11/15/2017	PFOA	200
NAF-08A	FAY-GWASI-NAF-08A	11/15/2017	PFOS	18
NAF-09	FAY-GWASI-NAF-09	11/16/2017	HFPO Dimer Acid	29,000 J
NAF-09	FAY-GWASI-NAF-09	11/16/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
NAF-09	FAY-GWASI-NAF-09	11/16/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
NAF-09	FAY-GWASI-NAF-09	11/16/2017	Perfluorobutane Sulfonic Acid	7.5
NAF-09	FAY-GWASI-NAF-09	11/16/2017	Perfluorodecanoic Acid	8.4
NAF-09	FAY-GWASI-NAF-09	11/16/2017	Perfluorododecanoic Acid	<2.0
NAF-09	FAY-GWASI-NAF-09	11/16/2017	Perfluoroheptanoic Acid	96
NAF-09	FAY-GWASI-NAF-09	11/16/2017	Perfluorohexane Sulfonic Acid	3.9
NAF-09	FAY-GWASI-NAF-09	11/16/2017	Perfluorohexanoic Acid	78
NAF-09	FAY-GWASI-NAF-09	11/16/2017	Perfluorononanoic Acid	17
NAF-09	FAY-GWASI-NAF-09	11/16/2017	Perfluoropentanoic Acid	710
NAF-09	FAY-GWASI-NAF-09	11/16/2017	Perfluorotetradecanoic Acid	<2.0
NAF-09	FAY-GWASI-NAF-09	11/16/2017	Perfluorotridecanoic Acid	<2.0
NAF-09	FAY-GWASI-NAF-09	11/16/2017	Perfluoroundecanoic Acid	3.3
NAF-09	FAY-GWASI-NAF-09	11/16/2017	PFOA	120
NAF-09	FAY-GWASI-NAF-09	11/16/2017	PFOS	13
NAF-10	FAY-GWASI-NAF-10	11/14/2017	HFPO Dimer Acid	17,000 J
NAF-10	FAY-GWASI-NAF-10	11/14/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
NAF-10	FAY-GWASI-NAF-10	11/14/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
NAF-10	FAY-GWASI-NAF-10	11/14/2017	Perfluorobutane Sulfonic Acid	4.2
NAF-10	FAY-GWASI-NAF-10	11/14/2017	Perfluorodecanoic Acid	7.9
NAF-10	FAY-GWASI-NAF-10	11/14/2017	Perfluorododecanoic Acid	<2.0
NAF-10	FAY-GWASI-NAF-10	11/14/2017	Perfluoroheptanoic Acid	55
NAF-10	FAY-GWASI-NAF-10	11/14/2017	Perfluorohexane Sulfonic Acid	2.5
NAF-10	FAY-GWASI-NAF-10	11/14/2017	Perfluorohexanoic Acid	30
NAF-10	FAY-GWASI-NAF-10	11/14/2017	Perfluorononanoic Acid	20
NAF-10	FAY-GWASI-NAF-10	11/14/2017	Perfluoropentanoic Acid	310
NAF-10	FAY-GWASI-NAF-10	11/14/2017	Perfluorotetradecanoic Acid	<2.0
NAF-10	FAY-GWASI-NAF-10	11/14/2017	Perfluorotridecanoic Acid	<2.0
NAF-10	FAY-GWASI-NAF-10	11/14/2017	Perfluoroundecanoic Acid	3.1

January 2018

TABLE 4a
Perched Zone Water PFAS - List 1 Concentrations

Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Date	Parameter Name	Result (ng/L)
NAF-10	FAY-GWASI-NAF-10	11/14/2017	PFOA	61
NAF-10	FAY-GWASI-NAF-10	11/14/2017	PFOS	15
NAF-12	FAY-GWASI-NAF-12	11/16/2017	HFPO Dimer Acid	640,000 J
NAF-12	FAY-GWASI-NAF-12	11/16/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20 J
NAF-12	FAY-GWASI-NAF-12	11/16/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20 J
NAF-12	FAY-GWASI-NAF-12	11/16/2017	Perfluorobutane Sulfonic Acid	<2.0 J
NAF-12	FAY-GWASI-NAF-12	11/16/2017	Perfluorodecanoic Acid	7.9 J
NAF-12	FAY-GWASI-NAF-12	11/16/2017	Perfluorododecanoic Acid	<2.0 J
NAF-12	FAY-GWASI-NAF-12	11/16/2017	Perfluoroheptanoic Acid	16,000
NAF-12	FAY-GWASI-NAF-12	11/16/2017	Perfluorohexane Sulfonic Acid	4.6 J
NAF-12	FAY-GWASI-NAF-12	11/16/2017	Perfluorohexanoic Acid	1000
NAF-12	FAY-GWASI-NAF-12	11/16/2017	Perfluorononanoic Acid	1800
NAF-12	FAY-GWASI-NAF-12	11/16/2017	Perfluoropentanoic Acid	80,000
NAF-12	FAY-GWASI-NAF-12	11/16/2017	Perfluorotetradecanoic Acid	<2.0 J
NAF-12	FAY-GWASI-NAF-12	11/16/2017	Perfluorotridecanoic Acid	<2.0 J
NAF-12	FAY-GWASI-NAF-12	11/16/2017	Perfluoroundecanoic Acid	<2.0 J
NAF-12	FAY-GWASI-NAF-12	11/16/2017	PFOA	310 J
NAF-12	FAY-GWASI-NAF-12	11/16/2017	PFOS	6.3 J
PZ-15	FAY-GWASI-PZ-15	11/29/2017	HFPO Dimer Acid	9600
PZ-15	FAY-GWASI-PZ-15	11/29/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
PZ-15	FAY-GWASI-PZ-15	11/29/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
PZ-15	FAY-GWASI-PZ-15	11/29/2017	Perfluorobutane Sulfonic Acid	<2.0
PZ-15	FAY-GWASI-PZ-15	11/29/2017	Perfluorodecanoic Acid	<2.0
PZ-15	FAY-GWASI-PZ-15	11/29/2017	Perfluorododecanoic Acid	<2.0
PZ-15	FAY-GWASI-PZ-15	11/29/2017	Perfluoroheptanoic Acid	23
PZ-15	FAY-GWASI-PZ-15	11/29/2017	Perfluorohexane Sulfonic Acid	<2.0
PZ-15	FAY-GWASI-PZ-15	11/29/2017	Perfluorohexanoic Acid	10
PZ-15	FAY-GWASI-PZ-15	11/29/2017	Perfluorononanoic Acid	3.3
PZ-15	FAY-GWASI-PZ-15	11/29/2017	Perfluoropentanoic Acid	120
PZ-15	FAY-GWASI-PZ-15	11/29/2017	Perfluorotetradecanoic Acid	<2.0
PZ-15	FAY-GWASI-PZ-15	11/29/2017	Perfluorotridecanoic Acid	<2.0
PZ-15	FAY-GWASI-PZ-15	11/29/2017	Perfluoroundecanoic Acid	<2.0
PZ-15	FAY-GWASI-PZ-15	11/29/2017	PFOA	32
PZ-15	FAY-GWASI-PZ-15	11/29/2017	PFOS	3.5
PZ-16	FAY-GWASI-PZ-16	11/29/2017	HFPO Dimer Acid	63,000
PZ-16	FAY-GWASI-PZ-16	11/29/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
PZ-16	FAY-GWASI-PZ-16	11/29/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
PZ-16	FAY-GWASI-PZ-16	11/29/2017	Perfluorobutane Sulfonic Acid	<2.0
PZ-16	FAY-GWASI-PZ-16	11/29/2017	Perfluorodecanoic Acid	<2.0
PZ-16	FAY-GWASI-PZ-16	11/29/2017	Perfluorododecanoic Acid	<2.0
PZ-16	FAY-GWASI-PZ-16	11/29/2017	Perfluoroheptanoic Acid	17
PZ-16	FAY-GWASI-PZ-16	11/29/2017	Perfluorohexane Sulfonic Acid	2.1
PZ-16	FAY-GWASI-PZ-16	11/29/2017	Perfluorohexanoic Acid	19
PZ-16	FAY-GWASI-PZ-16	11/29/2017	Perfluorononanoic Acid	<2.0
PZ-16	FAY-GWASI-PZ-16	11/29/2017	Perfluoropentanoic Acid	64
PZ-16	FAY-GWASI-PZ-16	11/29/2017	Perfluorotetradecanoic Acid	<2.0
PZ-16	FAY-GWASI-PZ-16	11/29/2017	Perfluorotridecanoic Acid	<2.0
PZ-16	FAY-GWASI-PZ-16	11/29/2017	Perfluoroundecanoic Acid	<2.0
PZ-16	FAY-GWASI-PZ-16	11/29/2017	PFOA	36
PZ-16	FAY-GWASI-PZ-16	11/29/2017	PFOS	<2.0
PZ-18	FAY-GWASI-PZ-18	11/17/2017	HFPO Dimer Acid	170,000
PZ-18	FAY-GWASI-PZ-18	11/17/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
PZ-18	FAY-GWASI-PZ-18	11/17/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20

January 2018

Permit No. NCD047368642-R1

TABLE 4a
Perched Zone Water PFAS - List 1 Concentrations

Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Date	Parameter Name	Result (ng/L)
PZ-18	FAY-GWASI-PZ-18	11/17/2017	Perfluorobutane Sulfonic Acid	<2.0
PZ-18	FAY-GWASI-PZ-18	11/17/2017	Perfluorodecanoic Acid	5.4
PZ-18	FAY-GWASI-PZ-18	11/17/2017	Perfluorododecanoic Acid	<2.0
PZ-18	FAY-GWASI-PZ-18	11/17/2017	Perfluoroheptanoic Acid	1300
PZ-18	FAY-GWASI-PZ-18	11/17/2017	Perfluorohexane Sulfonic Acid	2.1
PZ-18	FAY-GWASI-PZ-18	11/17/2017	Perfluorohexanoic Acid	210
PZ-18	FAY-GWASI-PZ-18	11/17/2017	Perfluorononanoic Acid	100
PZ-18	FAY-GWASI-PZ-18	11/17/2017	Perfluoropentanoic Acid	13,000
PZ-18	FAY-GWASI-PZ-18	11/17/2017	Perfluorotetradecanoic Acid	<2.0
PZ-18	FAY-GWASI-PZ-18	11/17/2017	Perfluorotridecanoic Acid	<2.0
PZ-18	FAY-GWASI-PZ-18	11/17/2017	Perfluoroundecanoic Acid	2.6
PZ-18	FAY-GWASI-PZ-18	11/17/2017	PFOA	99
PZ-18	FAY-GWASI-PZ-18	11/17/2017	PFOS	6.2
PZ-19	FAY-GWASI-PZ-19	11/16/2017	HFPO Dimer Acid	14,000
PZ-19	FAY-GWASI-PZ-19	11/16/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
PZ-19	FAY-GWASI-PZ-19	11/16/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
PZ-19	FAY-GWASI-PZ-19	11/16/2017	Perfluorobutane Sulfonic Acid	2.8
PZ-19	FAY-GWASI-PZ-19	11/16/2017	Perfluorodecanoic Acid	3
PZ-19	FAY-GWASI-PZ-19	11/16/2017	Perfluorododecanoic Acid	<2.0
PZ-19	FAY-GWASI-PZ-19	11/16/2017	Perfluoroheptanoic Acid	48
PZ-19	FAY-GWASI-PZ-19	11/16/2017	Perfluorohexane Sulfonic Acid	9.9
PZ-19	FAY-GWASI-PZ-19	11/16/2017	Perfluorohexanoic Acid	22
PZ-19	FAY-GWASI-PZ-19	11/16/2017	Perfluorononanoic Acid	11
PZ-19	FAY-GWASI-PZ-19	11/16/2017	Perfluoropentanoic Acid	170
PZ-19	FAY-GWASI-PZ-19	11/16/2017	Perfluorotetradecanoic Acid	<2.0
PZ-19	FAY-GWASI-PZ-19	11/16/2017	Perfluorotridecanoic Acid	<2.0
PZ-19	FAY-GWASI-PZ-19	11/16/2017	Perfluoroundecanoic Acid	<2.0
PZ-19	FAY-GWASI-PZ-19	11/16/2017	PFOA	51
PZ-19	FAY-GWASI-PZ-19	11/16/2017	PFOS	9.5
PZ-20	FAY-GWASI-PZ-20	11/16/2017	HFPO Dimer Acid	780
PZ-20	FAY-GWASI-PZ-20	11/16/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
PZ-20	FAY-GWASI-PZ-20	11/16/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
PZ-20	FAY-GWASI-PZ-20	11/16/2017	Perfluorobutane Sulfonic Acid	3.8
PZ-20	FAY-GWASI-PZ-20	11/16/2017	Perfluorodecanoic Acid	5.9
PZ-20	FAY-GWASI-PZ-20	11/16/2017	Perfluorododecanoic Acid	<2.0
PZ-20	FAY-GWASI-PZ-20	11/16/2017	Perfluoroheptanoic Acid	24
PZ-20	FAY-GWASI-PZ-20	11/16/2017	Perfluorohexane Sulfonic Acid	7.5
PZ-20	FAY-GWASI-PZ-20	11/16/2017	Perfluorohexanoic Acid	32
PZ-20	FAY-GWASI-PZ-20	11/16/2017	Perfluorononanoic Acid	4.8
PZ-20	FAY-GWASI-PZ-20	11/16/2017	Perfluoropentanoic Acid	42
PZ-20	FAY-GWASI-PZ-20	11/16/2017	Perfluorotetradecanoic Acid	<2.0
PZ-20	FAY-GWASI-PZ-20	11/16/2017	Perfluorotridecanoic Acid	<2.0
PZ-20	FAY-GWASI-PZ-20	11/16/2017	Perfluoroundecanoic Acid	<2.0
PZ-20	FAY-GWASI-PZ-20	11/16/2017	PFOA	19
PZ-20	FAY-GWASI-PZ-20	11/16/2017	PFOS	21
PZ-21	FAY-GWASI-PZ-21	11/16/2017	HFPO Dimer Acid	440
PZ-21	FAY-GWASI-PZ-21	11/16/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
PZ-21	FAY-GWASI-PZ-21	11/16/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
PZ-21	FAY-GWASI-PZ-21	11/16/2017	Perfluorobutane Sulfonic Acid	3.1
PZ-21	FAY-GWASI-PZ-21	11/16/2017	Perfluorodecanoic Acid	2.7
PZ-21	FAY-GWASI-PZ-21	11/16/2017	Perfluorododecanoic Acid	<2.0
PZ-21	FAY-GWASI-PZ-21	11/16/2017	Perfluoroheptanoic Acid	23
PZ-21	FAY-GWASI-PZ-21	11/16/2017	Perfluorohexane Sulfonic Acid	6.6

January 2018

TABLE 4a
Perched Zone Water PFAS - List 1 Concentrations

Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Date	Parameter Name	Result (ng/L)
PZ-21	FAY-GWASI-PZ-21	11/16/2017	Perfluorohexanoic Acid	24
PZ-21	FAY-GWASI-PZ-21	11/16/2017	Perfluorononanoic Acid	3.6
PZ-21	FAY-GWASI-PZ-21	11/16/2017	Perfluoropentanoic Acid	27
PZ-21	FAY-GWASI-PZ-21	11/16/2017	Perfluorotetradecanoic Acid	<2.0
PZ-21	FAY-GWASI-PZ-21	11/16/2017	Perfluorotridecanoic Acid	<2.0
PZ-21	FAY-GWASI-PZ-21	11/16/2017	Perfluoroundecanoic Acid	<2.0
PZ-21	FAY-GWASI-PZ-21	11/16/2017	PFOA	15
PZ-21	FAY-GWASI-PZ-21	11/16/2017	PFOS	13
SMW-02	FAY-GWASI-SMW-02	11/21/2017	HFPO Dimer Acid	15,000 J
SMW-02	FAY-GWASI-SMW-02	11/21/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
SMW-02	FAY-GWASI-SMW-02	11/21/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
SMW-02	FAY-GWASI-SMW-02	11/21/2017	Perfluorobutane Sulfonic Acid	<2.0
SMW-02	FAY-GWASI-SMW-02	11/21/2017	Perfluorodecanoic Acid	<2.0
SMW-02	FAY-GWASI-SMW-02	11/21/2017	Perfluorododecanoic Acid	<2.0
SMW-02	FAY-GWASI-SMW-02	11/21/2017	Perfluoroheptanoic Acid	28
SMW-02	FAY-GWASI-SMW-02	11/21/2017	Perfluorohexane Sulfonic Acid	<2.0
SMW-02	FAY-GWASI-SMW-02	11/21/2017	Perfluorohexanoic Acid	16
SMW-02	FAY-GWASI-SMW-02	11/21/2017	Perfluorononanoic Acid	<2.0
SMW-02	FAY-GWASI-SMW-02	11/21/2017	Perfluoropentanoic Acid	170
SMW-02	FAY-GWASI-SMW-02	11/21/2017	Perfluorotetradecanoic Acid	<2.0
SMW-02	FAY-GWASI-SMW-02	11/21/2017	Perfluorotridecanoic Acid	<2.0
SMW-02	FAY-GWASI-SMW-02	11/21/2017	Perfluoroundecanoic Acid	<2.0
SMW-02	FAY-GWASI-SMW-02	11/21/2017	PFOA	17
SMW-02	FAY-GWASI-SMW-02	11/21/2017	PFOS	<2.0
SMW-07	FAY-GWASI-SMW-07	11/21/2017	HFPO Dimer Acid	9300
SMW-07	FAY-GWASI-SMW-07	11/21/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
SMW-07	FAY-GWASI-SMW-07	11/21/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
SMW-07	FAY-GWASI-SMW-07	11/21/2017	Perfluorobutane Sulfonic Acid	2.7
SMW-07	FAY-GWASI-SMW-07	11/21/2017	Perfluorodecanoic Acid	<2.0
SMW-07	FAY-GWASI-SMW-07	11/21/2017	Perfluorododecanoic Acid	<2.0
SMW-07	FAY-GWASI-SMW-07	11/21/2017	Perfluoroheptanoic Acid	92
SMW-07	FAY-GWASI-SMW-07	11/21/2017	Perfluorohexane Sulfonic Acid	11
SMW-07	FAY-GWASI-SMW-07	11/21/2017	Perfluorohexanoic Acid	42
SMW-07	FAY-GWASI-SMW-07	11/21/2017	Perfluorononanoic Acid	<2.0
SMW-07	FAY-GWASI-SMW-07	11/21/2017	Perfluoropentanoic Acid	24
SMW-07	FAY-GWASI-SMW-07	11/21/2017	Perfluorotetradecanoic Acid	<2.0
SMW-07	FAY-GWASI-SMW-07	11/21/2017	Perfluorotridecanoic Acid	<2.0
SMW-07	FAY-GWASI-SMW-07	11/21/2017	Perfluoroundecanoic Acid	<2.0
SMW-07	FAY-GWASI-SMW-07	11/21/2017	PFOA	1400
SMW-07	FAY-GWASI-SMW-07	11/21/2017	PFOS	<2.0

Notes: ng/L = nanograms per liter

J = estimated value

< = less than indicated reporting limit

detected are highlighted

January 2018

Permit No. NCD047368642-R1

TABLE 4b
Perched Zone Water PFAS - List 2 Concentrations

Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Date	Parameter Name	Result (ng/L)
FTA-01	FAY-GWASI-FTA-01-1	11/30/2017	PFECA-A	<200
FTA-01	FAY-GWASI-FTA-01-1	11/30/2017	PFECA-F	<200
FTA-01	FAY-GWASI-FTA-01-1	11/30/2017	PFECA-G	<200
FTA-01	FAY-GWASI-FTA-01-1	11/30/2017	PFESA_BP1	<200
FTA-01	FAY-GWASI-FTA-01-1	11/30/2017	PFESA_BP2	<200
FTA-01	FAY-GWASI-FTA-01-1	11/30/2017	PFMOAA	386
FTA-01	FAY-GWASI-FTA-01-1	11/30/2017	PFO2HxA	1,922
FTA-01	FAY-GWASI-FTA-01-1	11/30/2017	PFO3OA	<200
FTA-01	FAY-GWASI-FTA-01-1	11/30/2017	PFO4DA	<200
FTA-01	FAY-GWASI-FTA-01-1	11/30/2017	PFO5DA	<200
FTA-02	FAY-GWASI-FTA-02-1	11/30/2017	PFECA-A	<200
FTA-02	FAY-GWASI-FTA-02-1	11/30/2017	PFECA-F	<200
FTA-02	FAY-GWASI-FTA-02-1	11/30/2017	PFECA-G	<200
FTA-02	FAY-GWASI-FTA-02-1	11/30/2017	PFESA_BP1	5,827
FTA-02	FAY-GWASI-FTA-02-1	11/30/2017	PFESA_BP2	1,189
FTA-02	FAY-GWASI-FTA-02-1	11/30/2017	PFMOAA	6,969
FTA-02	FAY-GWASI-FTA-02-1	11/30/2017	PFO2HxA	7,632
FTA-02	FAY-GWASI-FTA-02-1	11/30/2017	PFO3OA	1,681
FTA-02	FAY-GWASI-FTA-02-1	11/30/2017	PFO4DA	1,146
FTA-02	FAY-GWASI-FTA-02-1	11/30/2017	PFO5DA	1,939
FTA-03	FAY-GWASI-FTA-03-1	11/30/2017	PFECA-A	<200
FTA-03	FAY-GWASI-FTA-03-1	11/30/2017	PFECA-F	<200
FTA-03	FAY-GWASI-FTA-03-1	11/30/2017	PFECA-G	<200
FTA-03	FAY-GWASI-FTA-03-1	11/30/2017	PFESA_BP1	<200
FTA-03	FAY-GWASI-FTA-03-1	11/30/2017	PFESA_BP2	589
FTA-03	FAY-GWASI-FTA-03-1	11/30/2017	PFMOAA	9,152
FTA-03	FAY-GWASI-FTA-03-1	11/30/2017	PFO2HxA	8,008
FTA-03	FAY-GWASI-FTA-03-1	11/30/2017	PFO3OA	1,184
FTA-03	FAY-GWASI-FTA-03-1	11/30/2017	PFO4DA	782
FTA-03	FAY-GWASI-FTA-03-1	11/30/2017	PFO5DA	703
MW-12S	FAY-GWASI-MW-12S-1	11/22/2017	PFECA-A	<200
MW-12S	FAY-GWASI-MW-12S-1	11/22/2017	PFECA-F	<200
MW-12S	FAY-GWASI-MW-12S-1	11/22/2017	PFECA-G	<200
MW-12S	FAY-GWASI-MW-12S-1	11/22/2017	PFESA_BP1	<200
MW-12S	FAY-GWASI-MW-12S-1	11/22/2017	PFESA_BP2	471
MW-12S	FAY-GWASI-MW-12S-1	11/22/2017	PFMOAA	5,001
MW-12S	FAY-GWASI-MW-12S-1	11/22/2017	PFO2HxA	7,391
MW-12S	FAY-GWASI-MW-12S-1	11/22/2017	PFO3OA	1,385
MW-12S	FAY-GWASI-MW-12S-1	11/22/2017	PFO4DA	1,421
MW-12S	FAY-GWASI-MW-12S-1	11/22/2017	PFO5DA	705
MW-12S	FAY-GWASI-MW-12S-2	11/22/2017	PFECA-A	<200
MW-12S	FAY-GWASI-MW-12S-2	11/22/2017	PFECA-F	<200
MW-12S	FAY-GWASI-MW-12S-2	11/22/2017	PFECA-G	<200
MW-12S	FAY-GWASI-MW-12S-2	11/22/2017	PFESA_BP1	<200
MW-12S	FAY-GWASI-MW-12S-2	11/22/2017	PFESA_BP2	544
MW-12S	FAY-GWASI-MW-12S-2	11/22/2017	PFMOAA	5,332

January 2018

TABLE 4b
Perched Zone Water PFAS - List 2 Concentrations

Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Date	Parameter Name	Result (ng/L)
MW-12S	FAY-GWASI-MW-12S-2	11/22/2017	PFO2HxA	7,911
MW-12S	FAY-GWASI-MW-12S-2	11/22/2017	PFO3OA	1,485
MW-12S	FAY-GWASI-MW-12S-2	11/22/2017	PFO4DA	1,376
MW-12S	FAY-GWASI-MW-12S-2	11/22/2017	PFO5DA	841
MW-1S	FAY-GWASI-MW-1S-1	11/22/2017	PFECA-A	<200
MW-1S	FAY-GWASI-MW-1S-1	11/22/2017	PFECA-F	<200
MW-1S	FAY-GWASI-MW-1S-1	11/22/2017	PFECA-G	<200
MW-1S	FAY-GWASI-MW-1S-1	11/22/2017	PFESA_BP1	<200
MW-1S	FAY-GWASI-MW-1S-1	11/22/2017	PFESA_BP2	546
MW-1S	FAY-GWASI-MW-1S-1	11/22/2017	PFMOAA	14,111
MW-1S	FAY-GWASI-MW-1S-1	11/22/2017	PFO2HxA	9,876
MW-1S	FAY-GWASI-MW-1S-1	11/22/2017	PFO3OA	2,018
MW-1S	FAY-GWASI-MW-1S-1	11/22/2017	PFO4DA	1,815
MW-1S	FAY-GWASI-MW-1S-1	11/22/2017	PFO5DA	910
MW-1S	FAY-GWASI-MW-1S-2	11/22/2017	PFECA-A	<200
MW-1S	FAY-GWASI-MW-1S-2	11/22/2017	PFECA-F	<200
MW-1S	FAY-GWASI-MW-1S-2	11/22/2017	PFECA-G	<200
MW-1S	FAY-GWASI-MW-1S-2	11/22/2017	PFESA_BP1	<200
MW-1S	FAY-GWASI-MW-1S-2	11/22/2017	PFESA_BP2	553
MW-1S	FAY-GWASI-MW-1S-2	11/22/2017	PFMOAA	14,097
MW-1S	FAY-GWASI-MW-1S-2	11/22/2017	PFO2HxA	9,725
MW-1S	FAY-GWASI-MW-1S-2	11/22/2017	PFO3OA	1,952
MW-1S	FAY-GWASI-MW-1S-2	11/22/2017	PFO4DA	1,755
MW-1S	FAY-GWASI-MW-1S-2	11/22/2017	PFO5DA	914
MW-2S	FAY-GWASI-MW-2S-1	11/22/2017	PFECA-A	<200
MW-2S	FAY-GWASI-MW-2S-1	11/22/2017	PFECA-F	<200
MW-2S	FAY-GWASI-MW-2S-1	11/22/2017	PFECA-G	<200
MW-2S	FAY-GWASI-MW-2S-1	11/22/2017	PFESA_BP1	<200
MW-2S	FAY-GWASI-MW-2S-1	11/22/2017	PFESA_BP2	1,299
MW-2S	FAY-GWASI-MW-2S-1	11/22/2017	PFMOAA	22,042
MW-2S	FAY-GWASI-MW-2S-1	11/22/2017	PFO2HxA	13,709
MW-2S	FAY-GWASI-MW-2S-1	11/22/2017	PFO3OA	2,876
MW-2S	FAY-GWASI-MW-2S-1	11/22/2017	PFO4DA	1,761
MW-2S	FAY-GWASI-MW-2S-1	11/22/2017	PFO5DA	1,958
MW-2S	FAY-GWASI-MW-2S-2	11/22/2017	PFECA-A	<200
MW-2S	FAY-GWASI-MW-2S-2	11/22/2017	PFECA-F	<200
MW-2S	FAY-GWASI-MW-2S-2	11/22/2017	PFECA-G	<200
MW-2S	FAY-GWASI-MW-2S-2	11/22/2017	PFESA_BP1	<200
MW-2S	FAY-GWASI-MW-2S-2	11/22/2017	PFESA_BP2	1,321
MW-2S	FAY-GWASI-MW-2S-2	11/22/2017	PFMOAA	22,408
MW-2S	FAY-GWASI-MW-2S-2	11/22/2017	PFO2HxA	14,161
MW-2S	FAY-GWASI-MW-2S-2	11/22/2017	PFO3OA	2,951
MW-2S	FAY-GWASI-MW-2S-2	11/22/2017	PFO4DA	2,233
MW-2S	FAY-GWASI-MW-2S-2	11/22/2017	PFO5DA	2,145
MW-7S	FAY-GWASI-MW-7S-1	11/29/2017	PFECA-A	<200
MW-7S	FAY-GWASI-MW-7S-1	11/29/2017	PFECA-F	<200

January 2018

TABLE 4b
Perched Zone Water PFAS - List 2 Concentrations

Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Date	Parameter Name	Result (ng/L)
MW-7S	FAY-GWASI-MW-7S-1	11/29/2017	PFECA-G	<200
MW-7S	FAY-GWASI-MW-7S-1	11/29/2017	PFESA_BP1	<200
MW-7S	FAY-GWASI-MW-7S-1	11/29/2017	PFESA_BP2	571
MW-7S	FAY-GWASI-MW-7S-1	11/29/2017	PFMOAA	6,140
MW-7S	FAY-GWASI-MW-7S-1	11/29/2017	PFO2HxA	14,879
MW-7S	FAY-GWASI-MW-7S-1	11/29/2017	PFO3OA	2,339
MW-7S	FAY-GWASI-MW-7S-1	11/29/2017	PFO4DA	2,100
MW-7S	FAY-GWASI-MW-7S-1	11/29/2017	PFO5DA	1,541
MW-8S	FAY-GWASI-MW-8S-1	11/29/2017	PFECA-A	<200
MW-8S	FAY-GWASI-MW-8S-1	11/29/2017	PFECA-F	<200
MW-8S	FAY-GWASI-MW-8S-1	11/29/2017	PFECA-G	<200
MW-8S	FAY-GWASI-MW-8S-1	11/29/2017	PFESA_BP1	<200
MW-8S	FAY-GWASI-MW-8S-1	11/29/2017	PFESA_BP2	446
MW-8S	FAY-GWASI-MW-8S-1	11/29/2017	PFMOAA	4,844
MW-8S	FAY-GWASI-MW-8S-1	11/29/2017	PFO2HxA	13,152
MW-8S	FAY-GWASI-MW-8S-1	11/29/2017	PFO3OA	1,791
MW-8S	FAY-GWASI-MW-8S-1	11/29/2017	PFO4DA	1,433
MW-8S	FAY-GWASI-MW-8S-1	11/29/2017	PFO5DA	1,484
MW-9S	FAY-GWASI-MW-9S-1	11/27/2017	PFECA-A	<200
MW-9S	FAY-GWASI-MW-9S-1	11/27/2017	PFECA-F	<200
MW-9S	FAY-GWASI-MW-9S-1	11/27/2017	PFECA-G	<200
MW-9S	FAY-GWASI-MW-9S-1	11/27/2017	PFESA_BP1	<200
MW-9S	FAY-GWASI-MW-9S-1	11/27/2017	PFESA_BP2	<200
MW-9S	FAY-GWASI-MW-9S-1	11/27/2017	PFMOAA	1,231
MW-9S	FAY-GWASI-MW-9S-1	11/27/2017	PFO2HxA	4,022
MW-9S	FAY-GWASI-MW-9S-1	11/27/2017	PFO3OA	839
MW-9S	FAY-GWASI-MW-9S-1	11/27/2017	PFO4DA	611
MW-9S	FAY-GWASI-MW-9S-1	11/27/2017	PFO5DA	<200
NAF-01	FAY-GWASI-NAF-01-1	11/15/2017	PFECA-A	<200
NAF-01	FAY-GWASI-NAF-01-1	11/15/2017	PFECA-F	<200
NAF-01	FAY-GWASI-NAF-01-1	11/15/2017	PFECA-G	<200
NAF-01	FAY-GWASI-NAF-01-1	11/15/2017	PFESA_BP1	3,073
NAF-01	FAY-GWASI-NAF-01-1	11/15/2017	PFESA_BP2	15,633
NAF-01	FAY-GWASI-NAF-01-1	11/15/2017	PFMOAA	42,218
NAF-01	FAY-GWASI-NAF-01-1	11/15/2017	PFO2HxA	47,621
NAF-01	FAY-GWASI-NAF-01-1	11/15/2017	PFO3OA	19,925
NAF-01	FAY-GWASI-NAF-01-1	11/15/2017	PFO4DA	18,151
NAF-01	FAY-GWASI-NAF-01-1	11/15/2017	PFO5DA	11,597
NAF-01	FAY-GWASI-NAF-01-2	11/15/2017	PFECA-A	<200
NAF-01	FAY-GWASI-NAF-01-2	11/15/2017	PFECA-F	<200
NAF-01	FAY-GWASI-NAF-01-2	11/15/2017	PFECA-G	<200
NAF-01	FAY-GWASI-NAF-01-2	11/15/2017	PFESA_BP1	2,821
NAF-01	FAY-GWASI-NAF-01-2	11/15/2017	PFESA_BP2	15,667
NAF-01	FAY-GWASI-NAF-01-2	11/15/2017	PFMOAA	43,669
NAF-01	FAY-GWASI-NAF-01-2	11/15/2017	PFO2HxA	46,213
NAF-01	FAY-GWASI-NAF-01-2	11/15/2017	PFO3OA	19,861

January 2018

TABLE 4b
Perched Zone Water PFAS - List 2 Concentrations

Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Date	Parameter Name	Result (ng/L)
NAF-01	FAY-GWASI-NAF-01-2	11/15/2017	PFO4DA	17,866
NAF-01	FAY-GWASI-NAF-01-2	11/15/2017	PFO5DA	12,068
NAF-01	FAY-GWASI-NAF-01-D-1	11/15/2017	PFECA-A	<200
NAF-01	FAY-GWASI-NAF-01-D-1	11/15/2017	PFECA-F	<200
NAF-01	FAY-GWASI-NAF-01-D-1	11/15/2017	PFECA-G	<200
NAF-01	FAY-GWASI-NAF-01-D-1	11/15/2017	PFESA_BP1	2,897
NAF-01	FAY-GWASI-NAF-01-D-1	11/15/2017	PFESA_BP2	16,313
NAF-01	FAY-GWASI-NAF-01-D-1	11/15/2017	PFMOAA	43,425
NAF-01	FAY-GWASI-NAF-01-D-1	11/15/2017	PFO2HxA	47,314
NAF-01	FAY-GWASI-NAF-01-D-1	11/15/2017	PFO3OA	20,312
NAF-01	FAY-GWASI-NAF-01-D-1	11/15/2017	PFO4DA	18,873
NAF-01	FAY-GWASI-NAF-01-D-1	11/15/2017	PFO5DA	12,803
NAF-01	FAY-GWASI-NAF-01-D-2	11/15/2017	PFECA-A	<200
NAF-01	FAY-GWASI-NAF-01-D-2	11/15/2017	PFECA-F	<200
NAF-01	FAY-GWASI-NAF-01-D-2	11/15/2017	PFECA-G	<200
NAF-01	FAY-GWASI-NAF-01-D-2	11/15/2017	PFESA_BP1	2,836
NAF-01	FAY-GWASI-NAF-01-D-2	11/15/2017	PFESA_BP2	16,189
NAF-01	FAY-GWASI-NAF-01-D-2	11/15/2017	PFMOAA	43,298
NAF-01	FAY-GWASI-NAF-01-D-2	11/15/2017	PFO2HxA	46,459
NAF-01	FAY-GWASI-NAF-01-D-2	11/15/2017	PFO3OA	20,373
NAF-01	FAY-GWASI-NAF-01-D-2	11/15/2017	PFO4DA	18,510
NAF-01	FAY-GWASI-NAF-01-D-2	11/15/2017	PFO5DA	12,007
NAF-02	FAY-GWASI-NAF-02-1	11/15/2017	PFECA-A	<200
NAF-02	FAY-GWASI-NAF-02-1	11/15/2017	PFECA-F	418
NAF-02	FAY-GWASI-NAF-02-1	11/15/2017	PFECA-G	<200
NAF-02	FAY-GWASI-NAF-02-1	11/15/2017	PFESA_BP1	3,735
NAF-02	FAY-GWASI-NAF-02-1	11/15/2017	PFESA_BP2	10,462
NAF-02	FAY-GWASI-NAF-02-1	11/15/2017	PFMOAA	391,570
NAF-02	FAY-GWASI-NAF-02-1	11/15/2017	PFO2HxA	19,005
NAF-02	FAY-GWASI-NAF-02-1	11/15/2017	PFO3OA	60,619
NAF-02	FAY-GWASI-NAF-02-1	11/15/2017	PFO4DA	45,716
NAF-02	FAY-GWASI-NAF-02-1	11/15/2017	PFO5DA	26,845
NAF-02	FAY-GWASI-NAF-02-2	11/15/2017	PFECA-A	<200
NAF-02	FAY-GWASI-NAF-02-2	11/15/2017	PFECA-F	450
NAF-02	FAY-GWASI-NAF-02-2	11/15/2017	PFECA-G	<200
NAF-02	FAY-GWASI-NAF-02-2	11/15/2017	PFESA_BP1	3,557
NAF-02	FAY-GWASI-NAF-02-2	11/15/2017	PFESA_BP2	7,192
NAF-02	FAY-GWASI-NAF-02-2	11/15/2017	PFMOAA	406,380
NAF-02	FAY-GWASI-NAF-02-2	11/15/2017	PFO2HxA	189,005
NAF-02	FAY-GWASI-NAF-02-2	11/15/2017	PFO3OA	60,531
NAF-02	FAY-GWASI-NAF-02-2	11/15/2017	PFO4DA	48,581
NAF-02	FAY-GWASI-NAF-02-2	11/15/2017	PFO5DA	28,073
NAF-03	FAY-GWASI-NAF-03-1	11/15/2017	PFECA-A	<200
NAF-03	FAY-GWASI-NAF-03-1	11/15/2017	PFECA-F	307
NAF-03	FAY-GWASI-NAF-03-1	11/15/2017	PFECA-G	<200
NAF-03	FAY-GWASI-NAF-03-1	11/15/2017	PFESA_BP1	16,331

January 2018

TABLE 4b
Perched Zone Water PFAS - List 2 Concentrations

Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Date	Parameter Name	Result (ng/L)
NAF-03	FAY-GWASI-NAF-03-1	11/15/2017	PFESA_BP2	7,621
NAF-03	FAY-GWASI-NAF-03-1	11/15/2017	PFMOAA	468,045
NAF-03	FAY-GWASI-NAF-03-1	11/15/2017	PFO2HxA	249,170
NAF-03	FAY-GWASI-NAF-03-1	11/15/2017	PFO3OA	85,625
NAF-03	FAY-GWASI-NAF-03-1	11/15/2017	PFO4DA	46,319
NAF-03	FAY-GWASI-NAF-03-1	11/15/2017	PFO5DA	31,354
NAF-03	FAY-GWASI-NAF-03-2	11/15/2017	PFECA-A	<200
NAF-03	FAY-GWASI-NAF-03-2	11/15/2017	PFECA-F	240
NAF-03	FAY-GWASI-NAF-03-2	11/15/2017	PFECA-G	<200
NAF-03	FAY-GWASI-NAF-03-2	11/15/2017	PFESA_BP1	16,508
NAF-03	FAY-GWASI-NAF-03-2	11/15/2017	PFESA_BP2	8,171
NAF-03	FAY-GWASI-NAF-03-2	11/15/2017	PFMOAA	538,490
NAF-03	FAY-GWASI-NAF-03-2	11/15/2017	PFO2HxA	300,720
NAF-03	FAY-GWASI-NAF-03-2	11/15/2017	PFO3OA	96,220
NAF-03	FAY-GWASI-NAF-03-2	11/15/2017	PFO4DA	52,725
NAF-03	FAY-GWASI-NAF-03-2	11/15/2017	PFO5DA	33,102
NAF-04	FAY-GWASI-NAF-04-1	11/15/2017	PFECA-A	<200
NAF-04	FAY-GWASI-NAF-04-1	11/15/2017	PFECA-F	1,248
NAF-04	FAY-GWASI-NAF-04-1	11/15/2017	PFECA-G	<200
NAF-04	FAY-GWASI-NAF-04-1	11/15/2017	PFESA_BP1	63,491
NAF-04	FAY-GWASI-NAF-04-1	11/15/2017	PFESA_BP2	17,923
NAF-04	FAY-GWASI-NAF-04-1	11/15/2017	PFMOAA	1,726,095
NAF-04	FAY-GWASI-NAF-04-1	11/15/2017	PFO2HxA	912,105
NAF-04	FAY-GWASI-NAF-04-1	11/15/2017	PFO3OA	262,395
NAF-04	FAY-GWASI-NAF-04-1	11/15/2017	PFO4DA	110,665
NAF-04	FAY-GWASI-NAF-04-1	11/15/2017	PFO5DA	47,780
NAF-04	FAY-GWASI-NAF-04-2	11/15/2017	PFECA-A	<200
NAF-04	FAY-GWASI-NAF-04-2	11/15/2017	PFECA-F	923
NAF-04	FAY-GWASI-NAF-04-2	11/15/2017	PFECA-G	<200
NAF-04	FAY-GWASI-NAF-04-2	11/15/2017	PFESA_BP1	66,947
NAF-04	FAY-GWASI-NAF-04-2	11/15/2017	PFESA_BP2	18,105
NAF-04	FAY-GWASI-NAF-04-2	11/15/2017	PFMOAA	1,715,830
NAF-04	FAY-GWASI-NAF-04-2	11/15/2017	PFO2HxA	898,740
NAF-04	FAY-GWASI-NAF-04-2	11/15/2017	PFO3OA	247,065
NAF-04	FAY-GWASI-NAF-04-2	11/15/2017	PFO4DA	106,730
NAF-04	FAY-GWASI-NAF-04-2	11/15/2017	PFO5DA	48,463
NAF-05A	FAY-GWASI-NAF-05A-1	11/08/2017	PFECA-A	<200
NAF-05A	FAY-GWASI-NAF-05A-1	11/08/2017	PFECA-F	381
NAF-05A	FAY-GWASI-NAF-05A-1	11/08/2017	PFECA-G	<200
NAF-05A	FAY-GWASI-NAF-05A-1	11/08/2017	PFESA_BP1	260,295
NAF-05A	FAY-GWASI-NAF-05A-1	11/08/2017	PFESA_BP2	15,264
NAF-05A	FAY-GWASI-NAF-05A-1	11/08/2017	PFMOAA	599,340
NAF-05A	FAY-GWASI-NAF-05A-1	11/08/2017	PFO2HxA	578,045
NAF-05A	FAY-GWASI-NAF-05A-1	11/08/2017	PFO3OA	281,605
NAF-05A	FAY-GWASI-NAF-05A-1	11/08/2017	PFO4DA	209,810
NAF-05A	FAY-GWASI-NAF-05A-1	11/08/2017	PFO5DA	136,855

January 2018

TABLE 4b
Perched Zone Water PFAS - List 2 Concentrations

Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Date	Parameter Name	Result (ng/L)
NAF-06	FAY-GWASI-NAF-06-1	11/14/2017	PFECA-A	<200
NAF-06	FAY-GWASI-NAF-06-1	11/14/2017	PFECA-F	1,235
NAF-06	FAY-GWASI-NAF-06-1	11/14/2017	PFECA-G	<200
NAF-06	FAY-GWASI-NAF-06-1	11/14/2017	PFESA_BP1	47,420
NAF-06	FAY-GWASI-NAF-06-1	11/14/2017	PFESA_BP2	22,374
NAF-06	FAY-GWASI-NAF-06-1	11/14/2017	PFMOAA	966,000
NAF-06	FAY-GWASI-NAF-06-1	11/14/2017	PFO2HxA	508,965
NAF-06	FAY-GWASI-NAF-06-1	11/14/2017	PFO3OA	192,945
NAF-06	FAY-GWASI-NAF-06-1	11/14/2017	PFO4DA	105,270
NAF-06	FAY-GWASI-NAF-06-1	11/14/2017	PFO5DA	68,677
NAF-06	FAY-GWASI-NAF-06-2	11/14/2017	PFECA-A	<200
NAF-06	FAY-GWASI-NAF-06-2	11/14/2017	PFECA-F	937
NAF-06	FAY-GWASI-NAF-06-2	11/14/2017	PFECA-G	<200
NAF-06	FAY-GWASI-NAF-06-2	11/14/2017	PFESA_BP1	47,148
NAF-06	FAY-GWASI-NAF-06-2	11/14/2017	PFESA_BP2	22,743
NAF-06	FAY-GWASI-NAF-06-2	11/14/2017	PFMOAA	985,555
NAF-06	FAY-GWASI-NAF-06-2	11/14/2017	PFO2HxA	502,285
NAF-06	FAY-GWASI-NAF-06-2	11/14/2017	PFO3OA	184,855
NAF-06	FAY-GWASI-NAF-06-2	11/14/2017	PFO4DA	98,745
NAF-06	FAY-GWASI-NAF-06-2	11/14/2017	PFO5DA	68,898
NAF-06	FAY-GWNEW-NAF-06-121317-1	12/13/2017	PFECA-A	<200
NAF-06	FAY-GWNEW-NAF-06-121317-1	12/13/2017	PFECA-F	397
NAF-06	FAY-GWNEW-NAF-06-121317-1	12/13/2017	PFECA-G	<200
NAF-06	FAY-GWNEW-NAF-06-121317-1	12/13/2017	PFESA_BP1	<200
NAF-06	FAY-GWNEW-NAF-06-121317-1	12/13/2017	PFESA_BP2	<200
NAF-06	FAY-GWNEW-NAF-06-121317-1	12/13/2017	PFMOAA	360
NAF-06	FAY-GWNEW-NAF-06-121317-1	12/13/2017	PFO2HxA	14,400
NAF-06	FAY-GWNEW-NAF-06-121317-1	12/13/2017	PFO3OA	575
NAF-06	FAY-GWNEW-NAF-06-121317-1	12/13/2017	PFO4DA	3,580
NAF-06	FAY-GWNEW-NAF-06-121317-1	12/13/2017	PFO5DA	<200
NAF-06	FAY-GWNEW-NAF-06-121317-2	12/13/2017	PFECA-A	<200
NAF-06	FAY-GWNEW-NAF-06-121317-2	12/13/2017	PFECA-F	227
NAF-06	FAY-GWNEW-NAF-06-121317-2	12/13/2017	PFECA-G	<200
NAF-06	FAY-GWNEW-NAF-06-121317-2	12/13/2017	PFESA_BP1	<200
NAF-06	FAY-GWNEW-NAF-06-121317-2	12/13/2017	PFESA_BP2	<200
NAF-06	FAY-GWNEW-NAF-06-121317-2	12/13/2017	PFMOAA	1,635
NAF-06	FAY-GWNEW-NAF-06-121317-2	12/13/2017	PFO2HxA	17,040
NAF-06	FAY-GWNEW-NAF-06-121317-2	12/13/2017	PFO3OA	1,510
NAF-06	FAY-GWNEW-NAF-06-121317-2	12/13/2017	PFO4DA	2,805
NAF-06	FAY-GWNEW-NAF-06-121317-2	12/13/2017	PFO5DA	<200
NAF-07	FAY-GWASI-NAF-07-1	11/15/2017	PFECA-A	<200
NAF-07	FAY-GWASI-NAF-07-1	11/15/2017	PFECA-F	<200
NAF-07	FAY-GWASI-NAF-07-1	11/15/2017	PFECA-G	<200
NAF-07	FAY-GWASI-NAF-07-1	11/15/2017	PFESA_BP1	392
NAF-07	FAY-GWASI-NAF-07-1	11/15/2017	PFESA_BP2	1,562
NAF-07	FAY-GWASI-NAF-07-1	11/15/2017	PFMOAA	115,273

January 2018

TABLE 4b
Perched Zone Water PFAS - List 2 Concentrations

Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Date	Parameter Name	Result (ng/L)
NAF-07	FAY-GWASI-NAF-07-1	11/15/2017	PFO2HxA	66,135
NAF-07	FAY-GWASI-NAF-07-1	11/15/2017	PFO3OA	21,250
NAF-07	FAY-GWASI-NAF-07-1	11/15/2017	PFO4DA	9,176
NAF-07	FAY-GWASI-NAF-07-1	11/15/2017	PFO5DA	5,246
NAF-07	FAY-GWASI-NAF-07-2	11/15/2017	PFECA-A	<200
NAF-07	FAY-GWASI-NAF-07-2	11/15/2017	PFECA-F	<200
NAF-07	FAY-GWASI-NAF-07-2	11/15/2017	PFECA-G	<200
NAF-07	FAY-GWASI-NAF-07-2	11/15/2017	PFESA_BP1	282
NAF-07	FAY-GWASI-NAF-07-2	11/15/2017	PFESA_BP2	1,582
NAF-07	FAY-GWASI-NAF-07-2	11/15/2017	PFMOAA	112,916
NAF-07	FAY-GWASI-NAF-07-2	11/15/2017	PFO2HxA	62,286
NAF-07	FAY-GWASI-NAF-07-2	11/15/2017	PFO3OA	21,068
NAF-07	FAY-GWASI-NAF-07-2	11/15/2017	PFO4DA	8,959
NAF-07	FAY-GWASI-NAF-07-2	11/15/2017	PFO5DA	5,080
NAF-08A	FAY-GWASI-NAF-08A-1	11/15/2017	PFECA-A	<200
NAF-08A	FAY-GWASI-NAF-08A-1	11/15/2017	PFECA-F	<200
NAF-08A	FAY-GWASI-NAF-08A-1	11/15/2017	PFECA-G	<200
NAF-08A	FAY-GWASI-NAF-08A-1	11/15/2017	PFESA_BP1	61,245
NAF-08A	FAY-GWASI-NAF-08A-1	11/15/2017	PFESA_BP2	10,074
NAF-08A	FAY-GWASI-NAF-08A-1	11/15/2017	PFMOAA	15,910
NAF-08A	FAY-GWASI-NAF-08A-1	11/15/2017	PFO2HxA	43,173
NAF-08A	FAY-GWASI-NAF-08A-1	11/15/2017	PFO3OA	18,382
NAF-08A	FAY-GWASI-NAF-08A-1	11/15/2017	PFO4DA	10,416
NAF-08A	FAY-GWASI-NAF-08A-1	11/15/2017	PFO5DA	5,888
NAF-08A	FAY-GWASI-NAF-08A-2	11/15/2017	PFECA-A	<200
NAF-08A	FAY-GWASI-NAF-08A-2	11/15/2017	PFECA-F	<200
NAF-08A	FAY-GWASI-NAF-08A-2	11/15/2017	PFECA-G	<200
NAF-08A	FAY-GWASI-NAF-08A-2	11/15/2017	PFESA_BP1	71,915
NAF-08A	FAY-GWASI-NAF-08A-2	11/15/2017	PFESA_BP2	9,685
NAF-08A	FAY-GWASI-NAF-08A-2	11/15/2017	PFMOAA	15,234
NAF-08A	FAY-GWASI-NAF-08A-2	11/15/2017	PFO2HxA	41,289
NAF-08A	FAY-GWASI-NAF-08A-2	11/15/2017	PFO3OA	17,348
NAF-08A	FAY-GWASI-NAF-08A-2	11/15/2017	PFO4DA	9,997
NAF-08A	FAY-GWASI-NAF-08A-2	11/15/2017	PFO5DA	5,363
NAF-09	FAY-GWASI-NAF-09-1	11/16/2017	PFECA-A	<200
NAF-09	FAY-GWASI-NAF-09-1	11/16/2017	PFECA-F	311
NAF-09	FAY-GWASI-NAF-09-1	11/16/2017	PFECA-G	<200
NAF-09	FAY-GWASI-NAF-09-1	11/16/2017	PFESA_BP1	2,697
NAF-09	FAY-GWASI-NAF-09-1	11/16/2017	PFESA_BP2	851
NAF-09	FAY-GWASI-NAF-09-1	11/16/2017	PFMOAA	4,691
NAF-09	FAY-GWASI-NAF-09-1	11/16/2017	PFO2HxA	21,127
NAF-09	FAY-GWASI-NAF-09-1	11/16/2017	PFO3OA	11,429
NAF-09	FAY-GWASI-NAF-09-1	11/16/2017	PFO4DA	9,663
NAF-09	FAY-GWASI-NAF-09-1	11/16/2017	PFO5DA	1,693
NAF-09	FAY-GWASI-NAF-09-2	11/16/2017	PFECA-A	<200
NAF-09	FAY-GWASI-NAF-09-2	11/16/2017	PFECA-F	373

January 2018

TABLE 4b
Perched Zone Water PFAS - List 2 Concentrations

Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Date	Parameter Name	Result (ng/L)
NAF-09	FAY-GWASI-NAF-09-2	11/16/2017	PFECA-G	<200
NAF-09	FAY-GWASI-NAF-09-2	11/16/2017	PFESA_BP1	2,435
NAF-09	FAY-GWASI-NAF-09-2	11/16/2017	PFESA_BP2	791
NAF-09	FAY-GWASI-NAF-09-2	11/16/2017	PFMOAA	4,751
NAF-09	FAY-GWASI-NAF-09-2	11/16/2017	PFO2HxA	21,533
NAF-09	FAY-GWASI-NAF-09-2	11/16/2017	PFO3OA	11,804
NAF-09	FAY-GWASI-NAF-09-2	11/16/2017	PFO4DA	9,692
NAF-09	FAY-GWASI-NAF-09-2	11/16/2017	PFO5DA	1,685
NAF-10	FAY-GWASI-NAF-10-1	11/14/2017	PFECA-A	<200
NAF-10	FAY-GWASI-NAF-10-1	11/14/2017	PFECA-F	<200
NAF-10	FAY-GWASI-NAF-10-1	11/14/2017	PFECA-G	<200
NAF-10	FAY-GWASI-NAF-10-1	11/14/2017	PFESA_BP1	<200
NAF-10	FAY-GWASI-NAF-10-1	11/14/2017	PFESA_BP2	891
NAF-10	FAY-GWASI-NAF-10-1	11/14/2017	PFMOAA	4,789
NAF-10	FAY-GWASI-NAF-10-1	11/14/2017	PFO2HxA	17,088
NAF-10	FAY-GWASI-NAF-10-1	11/14/2017	PFO3OA	4,104
NAF-10	FAY-GWASI-NAF-10-1	11/14/2017	PFO4DA	2,503
NAF-10	FAY-GWASI-NAF-10-1	11/14/2017	PFO5DA	2,017
NAF-10	FAY-GWASI-NAF-10-2	11/14/2017	PFECA-A	<200
NAF-10	FAY-GWASI-NAF-10-2	11/14/2017	PFECA-F	<200
NAF-10	FAY-GWASI-NAF-10-2	11/14/2017	PFECA-G	<200
NAF-10	FAY-GWASI-NAF-10-2	11/14/2017	PFESA_BP1	<200
NAF-10	FAY-GWASI-NAF-10-2	11/14/2017	PFESA_BP2	818
NAF-10	FAY-GWASI-NAF-10-2	11/14/2017	PFMOAA	4,627
NAF-10	FAY-GWASI-NAF-10-2	11/14/2017	PFO2HxA	16,539
NAF-10	FAY-GWASI-NAF-10-2	11/14/2017	PFO3OA	4,539
NAF-10	FAY-GWASI-NAF-10-2	11/14/2017	PFO4DA	2,239
NAF-10	FAY-GWASI-NAF-10-2	11/14/2017	PFO5DA	1,802
NAF-12	FAY-GWASI-NAF-12-1	11/16/2017	PFECA-A	<200
NAF-12	FAY-GWASI-NAF-12-1	11/16/2017	PFECA-F	797
NAF-12	FAY-GWASI-NAF-12-1	11/16/2017	PFECA-G	<200
NAF-12	FAY-GWASI-NAF-12-1	11/16/2017	PFESA_BP1	129,815
NAF-12	FAY-GWASI-NAF-12-1	11/16/2017	PFESA_BP2	76,125
NAF-12	FAY-GWASI-NAF-12-1	11/16/2017	PFMOAA	68,690
NAF-12	FAY-GWASI-NAF-12-1	11/16/2017	PFO2HxA	283,775
NAF-12	FAY-GWASI-NAF-12-1	11/16/2017	PFO3OA	105,980
NAF-12	FAY-GWASI-NAF-12-1	11/16/2017	PFO4DA	61,459
NAF-12	FAY-GWASI-NAF-12-1	11/16/2017	PFO5DA	27,878
NAF-12	FAY-GWASI-NAF-12-2	11/16/2017	PFECA-A	<200
NAF-12	FAY-GWASI-NAF-12-2	11/16/2017	PFECA-F	916
NAF-12	FAY-GWASI-NAF-12-2	11/16/2017	PFECA-G	<200
NAF-12	FAY-GWASI-NAF-12-2	11/16/2017	PFESA_BP1	144,625
NAF-12	FAY-GWASI-NAF-12-2	11/16/2017	PFESA_BP2	76,230
NAF-12	FAY-GWASI-NAF-12-2	11/16/2017	PFMOAA	69,075
NAF-12	FAY-GWASI-NAF-12-2	11/16/2017	PFO2HxA	296,180
NAF-12	FAY-GWASI-NAF-12-2	11/16/2017	PFO3OA	112,570

January 2018

TABLE 4b
Perched Zone Water PFAS - List 2 Concentrations

Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Date	Parameter Name	Result (ng/L)
NAF-12	FAY-GWASI-NAF-12-2	11/16/2017	PFO4DA	61,219
NAF-12	FAY-GWASI-NAF-12-2	11/16/2017	PFO5DA	27,840
PZ-15	FAY-GWASI-PZ-15-1	11/29/2017	PFECA-A	<200
PZ-15	FAY-GWASI-PZ-15-1	11/29/2017	PFECA-F	<200
PZ-15	FAY-GWASI-PZ-15-1	11/29/2017	PFECA-G	<200
PZ-15	FAY-GWASI-PZ-15-1	11/29/2017	PFESA_BP1	<200
PZ-15	FAY-GWASI-PZ-15-1	11/29/2017	PFESA_BP2	227
PZ-15	FAY-GWASI-PZ-15-1	11/29/2017	PFMOAA	2,187
PZ-15	FAY-GWASI-PZ-15-1	11/29/2017	PFO2HxA	7,868
PZ-15	FAY-GWASI-PZ-15-1	11/29/2017	PFO3OA	1,761
PZ-15	FAY-GWASI-PZ-15-1	11/29/2017	PFO4DA	1,360
PZ-15	FAY-GWASI-PZ-15-1	11/29/2017	PFO5DA	505
PZ-16	FAY-GWNEW-PZ-16-121317-1	12/13/2017	PFECA-A	<200
PZ-16	FAY-GWNEW-PZ-16-121317-1	12/13/2017	PFECA-F	<200
PZ-16	FAY-GWNEW-PZ-16-121317-1	12/13/2017	PFECA-G	<200
PZ-16	FAY-GWNEW-PZ-16-121317-1	12/13/2017	PFESA_BP1	<200
PZ-16	FAY-GWNEW-PZ-16-121317-1	12/13/2017	PFESA_BP2	233
PZ-16	FAY-GWNEW-PZ-16-121317-1	12/13/2017	PFMOAA	870
PZ-16	FAY-GWNEW-PZ-16-121317-1	12/13/2017	PFO2HxA	2,778
PZ-16	FAY-GWNEW-PZ-16-121317-1	12/13/2017	PFO3OA	562
PZ-16	FAY-GWNEW-PZ-16-121317-1	12/13/2017	PFO4DA	505
PZ-16	FAY-GWNEW-PZ-16-121317-1	12/13/2017	PFO5DA	<200
PZ-16	FAY-GWNEW-PZ-16-121317-2	12/13/2017	PFECA-A	<200
PZ-16	FAY-GWNEW-PZ-16-121317-2	12/13/2017	PFECA-F	<200
PZ-16	FAY-GWNEW-PZ-16-121317-2	12/13/2017	PFECA-G	<200
PZ-16	FAY-GWNEW-PZ-16-121317-2	12/13/2017	PFESA_BP1	<200
PZ-16	FAY-GWNEW-PZ-16-121317-2	12/13/2017	PFESA_BP2	242
PZ-16	FAY-GWNEW-PZ-16-121317-2	12/13/2017	PFMOAA	824
PZ-16	FAY-GWNEW-PZ-16-121317-2	12/13/2017	PFO2HxA	2,665
PZ-16	FAY-GWNEW-PZ-16-121317-2	12/13/2017	PFO3OA	512
PZ-16	FAY-GWNEW-PZ-16-121317-2	12/13/2017	PFO4DA	468
PZ-16	FAY-GWNEW-PZ-16-121317-2	12/13/2017	PFO5DA	<200
PZ-18	FAY-GWASI-PZ-18-110717	11/07/2017	PFECA-A	<200
PZ-18	FAY-GWASI-PZ-18-110717	11/07/2017	PFECA-F	950
PZ-18	FAY-GWASI-PZ-18-110717	11/07/2017	PFECA-G	<200
PZ-18	FAY-GWASI-PZ-18-110717	11/07/2017	PFESA_BP1	11,092
PZ-18	FAY-GWASI-PZ-18-110717	11/07/2017	PFESA_BP2	5,474
PZ-18	FAY-GWASI-PZ-18-110717	11/07/2017	PFMOAA	6,662,860
PZ-18	FAY-GWASI-PZ-18-110717	11/07/2017	PFO2HxA	1,610,185
PZ-18	FAY-GWASI-PZ-18-110717	11/07/2017	PFO3OA	399,610
PZ-18	FAY-GWASI-PZ-18-110717	11/07/2017	PFO4DA	79,740
PZ-18	FAY-GWASI-PZ-18-110717	11/07/2017	PFO5DA	15,098
PZ-18	FAY-GWASI-PZ-18-112717	11/27/2017	PFECA-A	<200
PZ-18	FAY-GWASI-PZ-18-112717	11/27/2017	PFECA-F	1,085
PZ-18	FAY-GWASI-PZ-18-112717	11/27/2017	PFECA-G	<200
PZ-18	FAY-GWASI-PZ-18-112717	11/27/2017	PFESA_BP1	13,781

January 2018

TABLE 4b
Perched Zone Water PFAS - List 2 Concentrations

Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Date	Parameter Name	Result (ng/L)
PZ-18	FAY-GWASI-PZ-18-112717	11/27/2017	PFESA_BP2	5,827
PZ-18	FAY-GWASI-PZ-18-112717	11/27/2017	PFMOAA	8,174,250
PZ-18	FAY-GWASI-PZ-18-112717	11/27/2017	PFO2HxA	1,935,440
PZ-18	FAY-GWASI-PZ-18-112717	11/27/2017	PFO3OA	488,640
PZ-18	FAY-GWASI-PZ-18-112717	11/27/2017	PFO4DA	99,015
PZ-18	FAY-GWASI-PZ-18-112717	11/27/2017	PFO5DA	17,612
PZ-19	FAY-GWASI-PZ-19-1	11/16/2017	PFECA-A	<200
PZ-19	FAY-GWASI-PZ-19-1	11/16/2017	PFECA-F	<200
PZ-19	FAY-GWASI-PZ-19-1	11/16/2017	PFECA-G	<200
PZ-19	FAY-GWASI-PZ-19-1	11/16/2017	PFESA_BP1	<200
PZ-19	FAY-GWASI-PZ-19-1	11/16/2017	PFESA_BP2	494
PZ-19	FAY-GWASI-PZ-19-1	11/16/2017	PFMOAA	11,011
PZ-19	FAY-GWASI-PZ-19-1	11/16/2017	PFO2HxA	16,547
PZ-19	FAY-GWASI-PZ-19-1	11/16/2017	PFO3OA	2,343
PZ-19	FAY-GWASI-PZ-19-1	11/16/2017	PFO4DA	2,430
PZ-19	FAY-GWASI-PZ-19-1	11/16/2017	PFO5DA	806
PZ-19	FAY-GWASI-PZ-19-2	11/16/2017	PFECA-A	<200
PZ-19	FAY-GWASI-PZ-19-2	11/16/2017	PFECA-F	<200
PZ-19	FAY-GWASI-PZ-19-2	11/16/2017	PFECA-G	<200
PZ-19	FAY-GWASI-PZ-19-2	11/16/2017	PFESA_BP1	<200
PZ-19	FAY-GWASI-PZ-19-2	11/16/2017	PFESA_BP2	518
PZ-19	FAY-GWASI-PZ-19-2	11/16/2017	PFMOAA	11,084
PZ-19	FAY-GWASI-PZ-19-2	11/16/2017	PFO2HxA	16,678
PZ-19	FAY-GWASI-PZ-19-2	11/16/2017	PFO3OA	2,428
PZ-19	FAY-GWASI-PZ-19-2	11/16/2017	PFO4DA	2,317
PZ-19	FAY-GWASI-PZ-19-2	11/16/2017	PFO5DA	919
PZ-20	FAY-GWASI-PZ-20-1	11/16/2017	PFECA-A	<200
PZ-20	FAY-GWASI-PZ-20-1	11/16/2017	PFECA-F	<200
PZ-20	FAY-GWASI-PZ-20-1	11/16/2017	PFECA-G	<200
PZ-20	FAY-GWASI-PZ-20-1	11/16/2017	PFESA_BP1	<200
PZ-20	FAY-GWASI-PZ-20-1	11/16/2017	PFESA_BP2	<200
PZ-20	FAY-GWASI-PZ-20-1	11/16/2017	PFMOAA	419
PZ-20	FAY-GWASI-PZ-20-1	11/16/2017	PFO2HxA	1,034
PZ-20	FAY-GWASI-PZ-20-1	11/16/2017	PFO3OA	<200
PZ-20	FAY-GWASI-PZ-20-1	11/16/2017	PFO4DA	<200
PZ-20	FAY-GWASI-PZ-20-1	11/16/2017	PFO5DA	<200
PZ-20	FAY-GWASI-PZ-20-2	11/16/2017	PFECA-A	<200
PZ-20	FAY-GWASI-PZ-20-2	11/16/2017	PFECA-F	<200
PZ-20	FAY-GWASI-PZ-20-2	11/16/2017	PFECA-G	<200
PZ-20	FAY-GWASI-PZ-20-2	11/16/2017	PFESA_BP1	<200
PZ-20	FAY-GWASI-PZ-20-2	11/16/2017	PFESA_BP2	<200
PZ-20	FAY-GWASI-PZ-20-2	11/16/2017	PFMOAA	425
PZ-20	FAY-GWASI-PZ-20-2	11/16/2017	PFO2HxA	1,057
PZ-20	FAY-GWASI-PZ-20-2	11/16/2017	PFO3OA	<200
PZ-20	FAY-GWASI-PZ-20-2	11/16/2017	PFO4DA	<200
PZ-20	FAY-GWASI-PZ-20-2	11/16/2017	PFO5DA	<200

January 2018

TABLE 4b
Perched Zone Water PFAS - List 2 Concentrations

Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Date	Parameter Name	Result (ng/L)
PZ-21	FAY-GWASI-PZ-21-1	11/16/2017	PFECA-A	<200
PZ-21	FAY-GWASI-PZ-21-1	11/16/2017	PFECA-F	<200
PZ-21	FAY-GWASI-PZ-21-1	11/16/2017	PFECA-G	<200
PZ-21	FAY-GWASI-PZ-21-1	11/16/2017	PFESA_BP1	<200
PZ-21	FAY-GWASI-PZ-21-1	11/16/2017	PFESA_BP2	<200
PZ-21	FAY-GWASI-PZ-21-1	11/16/2017	PFMOAA	697
PZ-21	FAY-GWASI-PZ-21-1	11/16/2017	PFO2HxA	707
PZ-21	FAY-GWASI-PZ-21-1	11/16/2017	PFO3OA	<200
PZ-21	FAY-GWASI-PZ-21-1	11/16/2017	PFO4DA	844
PZ-21	FAY-GWASI-PZ-21-1	11/16/2017	PFO5DA	<200
PZ-21	FAY-GWASI-PZ-21-2	11/16/2017	PFECA-A	<200
PZ-21	FAY-GWASI-PZ-21-2	11/16/2017	PFECA-F	<200
PZ-21	FAY-GWASI-PZ-21-2	11/16/2017	PFECA-G	<200
PZ-21	FAY-GWASI-PZ-21-2	11/16/2017	PFESA_BP1	<200
PZ-21	FAY-GWASI-PZ-21-2	11/16/2017	PFESA_BP2	<200
PZ-21	FAY-GWASI-PZ-21-2	11/16/2017	PFMOAA	776
PZ-21	FAY-GWASI-PZ-21-2	11/16/2017	PFO2HxA	818
PZ-21	FAY-GWASI-PZ-21-2	11/16/2017	PFO3OA	<200
PZ-21	FAY-GWASI-PZ-21-2	11/16/2017	PFO4DA	<200
PZ-21	FAY-GWASI-PZ-21-2	11/16/2017	PFO5DA	<200
SMW-02	FAY-GWASI-SMW-02-1	11/21/2017	PFECA-A	<200
SMW-02	FAY-GWASI-SMW-02-1	11/21/2017	PFECA-F	<200
SMW-02	FAY-GWASI-SMW-02-1	11/21/2017	PFECA-G	<200
SMW-02	FAY-GWASI-SMW-02-1	11/21/2017	PFESA_BP1	<200
SMW-02	FAY-GWASI-SMW-02-1	11/21/2017	PFESA_BP2	226
SMW-02	FAY-GWASI-SMW-02-1	11/21/2017	PFMOAA	1,588
SMW-02	FAY-GWASI-SMW-02-1	11/21/2017	PFO2HxA	17,792
SMW-02	FAY-GWASI-SMW-02-1	11/21/2017	PFO3OA	4,613
SMW-02	FAY-GWASI-SMW-02-1	11/21/2017	PFO4DA	2,451
SMW-02	FAY-GWASI-SMW-02-1	11/21/2017	PFO5DA	<200
SMW-02	FAY-GWASI-SMW-02-2	11/21/2017	PFECA-A	<200
SMW-02	FAY-GWASI-SMW-02-2	11/21/2017	PFECA-F	<200
SMW-02	FAY-GWASI-SMW-02-2	11/21/2017	PFECA-G	<200
SMW-02	FAY-GWASI-SMW-02-2	11/21/2017	PFESA_BP1	<200
SMW-02	FAY-GWASI-SMW-02-2	11/21/2017	PFESA_BP2	<200
SMW-02	FAY-GWASI-SMW-02-2	11/21/2017	PFMOAA	1,112
SMW-02	FAY-GWASI-SMW-02-2	11/21/2017	PFO2HxA	13,379
SMW-02	FAY-GWASI-SMW-02-2	11/21/2017	PFO3OA	3,647
SMW-02	FAY-GWASI-SMW-02-2	11/21/2017	PFO4DA	1,580
SMW-02	FAY-GWASI-SMW-02-2	11/21/2017	PFO5DA	<200
SMW-07	FAY-GWASI-SMW-07-1	11/21/2017	PFECA-A	<200
SMW-07	FAY-GWASI-SMW-07-1	11/21/2017	PFECA-F	<200
SMW-07	FAY-GWASI-SMW-07-1	11/21/2017	PFECA-G	<200
SMW-07	FAY-GWASI-SMW-07-1	11/21/2017	PFESA_BP1	<200
SMW-07	FAY-GWASI-SMW-07-1	11/21/2017	PFESA_BP2	<200
SMW-07	FAY-GWASI-SMW-07-1	11/21/2017	PFMOAA	820

January 2018

TABLE 4b
Perched Zone Water PFAS - List 2 Concentrations

Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Date	Parameter Name	Result (ng/L)
SMW-07	FAY-GWASI-SMW-07-1	11/21/2017	PFO2HxA	1,104
SMW-07	FAY-GWASI-SMW-07-1	11/21/2017	PFO3OA	327
SMW-07	FAY-GWASI-SMW-07-1	11/21/2017	PFO4DA	333
SMW-07	FAY-GWASI-SMW-07-1	11/21/2017	PFO5DA	<200
SMW-07	FAY-GWASI-SMW-07-2	11/21/2017	PFECA-A	<200
SMW-07	FAY-GWASI-SMW-07-2	11/21/2017	PFECA-F	<200
SMW-07	FAY-GWASI-SMW-07-2	11/21/2017	PFECA-G	<200
SMW-07	FAY-GWASI-SMW-07-2	11/21/2017	PFESA_BP1	<200
SMW-07	FAY-GWASI-SMW-07-2	11/21/2017	PFESA_BP2	<200
SMW-07	FAY-GWASI-SMW-07-2	11/21/2017	PFMOAA	722
SMW-07	FAY-GWASI-SMW-07-2	11/21/2017	PFO2HxA	1,906
SMW-07	FAY-GWASI-SMW-07-2	11/21/2017	PFO3OA	220
SMW-07	FAY-GWASI-SMW-07-2	11/21/2017	PFO4DA	338
SMW-07	FAY-GWASI-SMW-07-2	11/21/2017	PFO5DA	<200

Notes: ng/L = nanograms per liter
 < = less than indicated reporting limit
 -D = duplicate sample
 -1 & -2 = replicate samples analyzed
 detections are highlighted

TABLE 5a
Surficial Aquifer PFAS - List 1 Concentrations

Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Date	Parameter Name	Result (ng/L)
INSITU-1	FAY-GWASI-INSITU-1	11/28/2017	HFPO Dimer Acid	400
INSITU-1	FAY-GWASI-INSITU-1	11/28/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
INSITU-1	FAY-GWASI-INSITU-1	11/28/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
INSITU-1	FAY-GWASI-INSITU-1	11/28/2017	Perfluorobutane Sulfonic Acid	<2.0
INSITU-1	FAY-GWASI-INSITU-1	11/28/2017	Perfluorodecanoic Acid	<2.0
INSITU-1	FAY-GWASI-INSITU-1	11/28/2017	Perfluorododecanoic Acid	<2.0
INSITU-1	FAY-GWASI-INSITU-1	11/28/2017	Perfluoroheptanoic Acid	<2.0
INSITU-1	FAY-GWASI-INSITU-1	11/28/2017	Perfluorohexane Sulfonic Acid	<2.0
INSITU-1	FAY-GWASI-INSITU-1	11/28/2017	Perfluorohexanoic Acid	2.3
INSITU-1	FAY-GWASI-INSITU-1	11/28/2017	Perfluorononanoic Acid	<2.0
INSITU-1	FAY-GWASI-INSITU-1	11/28/2017	Perfluoropentanoic Acid	9.8
INSITU-1	FAY-GWASI-INSITU-1	11/28/2017	Perfluorotetradecanoic Acid	<2.0
INSITU-1	FAY-GWASI-INSITU-1	11/28/2017	Perfluorotridecanoic Acid	<2.0
INSITU-1	FAY-GWASI-INSITU-1	11/28/2017	Perfluoroundecanoic Acid	<2.0
INSITU-1	FAY-GWASI-INSITU-1	11/28/2017	PFOA	<2.0
INSITU-1	FAY-GWASI-INSITU-1	11/28/2017	PFOS	<2.0
LTW-01	FAY-GWASI-LTW-01	11/16/2017	HFPO Dimer Acid	25,000
LTW-01	FAY-GWASI-LTW-01	11/16/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
LTW-01	FAY-GWASI-LTW-01	11/16/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
LTW-01	FAY-GWASI-LTW-01	11/16/2017	Perfluorobutane Sulfonic Acid	3.7
LTW-01	FAY-GWASI-LTW-01	11/16/2017	Perfluorodecanoic Acid	<2.0
LTW-01	FAY-GWASI-LTW-01	11/16/2017	Perfluorododecanoic Acid	<2.0
LTW-01	FAY-GWASI-LTW-01	11/16/2017	Perfluoroheptanoic Acid	55
LTW-01	FAY-GWASI-LTW-01	11/16/2017	Perfluorohexane Sulfonic Acid	11
LTW-01	FAY-GWASI-LTW-01	11/16/2017	Perfluorohexanoic Acid	31
LTW-01	FAY-GWASI-LTW-01	11/16/2017	Perfluorononanoic Acid	3.2
LTW-01	FAY-GWASI-LTW-01	11/16/2017	Perfluoropentanoic Acid	370
LTW-01	FAY-GWASI-LTW-01	11/16/2017	Perfluorotetradecanoic Acid	<2.0
LTW-01	FAY-GWASI-LTW-01	11/16/2017	Perfluorotridecanoic Acid	<2.0
LTW-01	FAY-GWASI-LTW-01	11/16/2017	Perfluoroundecanoic Acid	<2.0
LTW-01	FAY-GWASI-LTW-01	11/16/2017	PFOA	83
LTW-01	FAY-GWASI-LTW-01	11/16/2017	PFOS	26
LTW-02	FAY-GWASI-LTW-02	11/16/2017	HFPO Dimer Acid	6800
LTW-02	FAY-GWASI-LTW-02	11/16/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
LTW-02	FAY-GWASI-LTW-02	11/16/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
LTW-02	FAY-GWASI-LTW-02	11/16/2017	Perfluorobutane Sulfonic Acid	<2.0
LTW-02	FAY-GWASI-LTW-02	11/16/2017	Perfluorodecanoic Acid	<2.0
LTW-02	FAY-GWASI-LTW-02	11/16/2017	Perfluorododecanoic Acid	<2.0
LTW-02	FAY-GWASI-LTW-02	11/16/2017	Perfluoroheptanoic Acid	10
LTW-02	FAY-GWASI-LTW-02	11/16/2017	Perfluorohexane Sulfonic Acid	<2.0
LTW-02	FAY-GWASI-LTW-02	11/16/2017	Perfluorohexanoic Acid	8.1
LTW-02	FAY-GWASI-LTW-02	11/16/2017	Perfluorononanoic Acid	<2.0
LTW-02	FAY-GWASI-LTW-02	11/16/2017	Perfluoropentanoic Acid	240
LTW-02	FAY-GWASI-LTW-02	11/16/2017	Perfluorotetradecanoic Acid	<2.0
LTW-02	FAY-GWASI-LTW-02	11/16/2017	Perfluorotridecanoic Acid	<2.0
LTW-02	FAY-GWASI-LTW-02	11/16/2017	Perfluoroundecanoic Acid	<2.0
LTW-02	FAY-GWASI-LTW-02	11/16/2017	PFOA	<2.0
LTW-02	FAY-GWASI-LTW-02	11/16/2017	PFOS	<2.0
LTW-03	FAY-GWASI-LTW-03	11/30/2017	HFPO Dimer Acid	9400 J
LTW-03	FAY-GWASI-LTW-03	11/30/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
LTW-03	FAY-GWASI-LTW-03	11/30/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
LTW-03	FAY-GWASI-LTW-03	11/30/2017	Perfluorobutane Sulfonic Acid	<2.0
LTW-03	FAY-GWASI-LTW-03	11/30/2017	Perfluorodecanoic Acid	<2.0

January 2018

TABLE 5a
Surficial Aquifer PFAS - List 1 Concentrations

Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Date	Parameter Name	Result (ng/L)
LTW-03	FAY-GWASI-LTW-03	11/30/2017	Perfluorododecanoic Acid	<2.0
LTW-03	FAY-GWASI-LTW-03	11/30/2017	Perfluoroheptanoic Acid	18
LTW-03	FAY-GWASI-LTW-03	11/30/2017	Perfluorohexane Sulfonic Acid	<2.0
LTW-03	FAY-GWASI-LTW-03	11/30/2017	Perfluorohexanoic Acid	15
LTW-03	FAY-GWASI-LTW-03	11/30/2017	Perfluorononanoic Acid	<2.0
LTW-03	FAY-GWASI-LTW-03	11/30/2017	Perfluoropentanoic Acid	610
LTW-03	FAY-GWASI-LTW-03	11/30/2017	Perfluorotetradecanoic Acid	<2.0
LTW-03	FAY-GWASI-LTW-03	11/30/2017	Perfluorotridecanoic Acid	<2.0
LTW-03	FAY-GWASI-LTW-03	11/30/2017	Perfluoroundecanoic Acid	<2.0
LTW-03	FAY-GWASI-LTW-03	11/30/2017	PFOA	<2.0
LTW-03	FAY-GWASI-LTW-03	11/30/2017	PFOS	<2.0
LTW-03	FAY-GWASI-LTW-03-D	11/30/2017	HFPO Dimer Acid	8900 J
LTW-03	FAY-GWASI-LTW-03-D	11/30/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
LTW-03	FAY-GWASI-LTW-03-D	11/30/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
LTW-03	FAY-GWASI-LTW-03-D	11/30/2017	Perfluorobutane Sulfonic Acid	<2.0
LTW-03	FAY-GWASI-LTW-03-D	11/30/2017	Perfluorodecanoic Acid	<2.0
LTW-03	FAY-GWASI-LTW-03-D	11/30/2017	Perfluorododecanoic Acid	<2.0
LTW-03	FAY-GWASI-LTW-03-D	11/30/2017	Perfluoroheptanoic Acid	18
LTW-03	FAY-GWASI-LTW-03-D	11/30/2017	Perfluorohexane Sulfonic Acid	<2.0
LTW-03	FAY-GWASI-LTW-03-D	11/30/2017	Perfluorohexanoic Acid	14
LTW-03	FAY-GWASI-LTW-03-D	11/30/2017	Perfluorononanoic Acid	<2.0
LTW-03	FAY-GWASI-LTW-03-D	11/30/2017	Perfluoropentanoic Acid	610
LTW-03	FAY-GWASI-LTW-03-D	11/30/2017	Perfluorotetradecanoic Acid	<2.0
LTW-03	FAY-GWASI-LTW-03-D	11/30/2017	Perfluorotridecanoic Acid	<2.0
LTW-03	FAY-GWASI-LTW-03-D	11/30/2017	Perfluoroundecanoic Acid	<2.0
LTW-03	FAY-GWASI-LTW-03-D	11/30/2017	PFOA	<2.0
LTW-03	FAY-GWASI-LTW-03-D	11/30/2017	PFOS	<2.0
LTW-04	FAY-GWASI-LTW-04	11/16/2017	HFPO Dimer Acid	17,000
LTW-04	FAY-GWASI-LTW-04	11/16/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
LTW-04	FAY-GWASI-LTW-04	11/16/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
LTW-04	FAY-GWASI-LTW-04	11/16/2017	Perfluorobutane Sulfonic Acid	<2.0
LTW-04	FAY-GWASI-LTW-04	11/16/2017	Perfluorodecanoic Acid	<2.0
LTW-04	FAY-GWASI-LTW-04	11/16/2017	Perfluorododecanoic Acid	<2.0
LTW-04	FAY-GWASI-LTW-04	11/16/2017	Perfluoroheptanoic Acid	82
LTW-04	FAY-GWASI-LTW-04	11/16/2017	Perfluorohexane Sulfonic Acid	<2.0
LTW-04	FAY-GWASI-LTW-04	11/16/2017	Perfluorohexanoic Acid	43
LTW-04	FAY-GWASI-LTW-04	11/16/2017	Perfluorononanoic Acid	<2.0
LTW-04	FAY-GWASI-LTW-04	11/16/2017	Perfluoropentanoic Acid	1800
LTW-04	FAY-GWASI-LTW-04	11/16/2017	Perfluorotetradecanoic Acid	<2.0
LTW-04	FAY-GWASI-LTW-04	11/16/2017	Perfluorotridecanoic Acid	<2.0
LTW-04	FAY-GWASI-LTW-04	11/16/2017	Perfluoroundecanoic Acid	<2.0
LTW-04	FAY-GWASI-LTW-04	11/16/2017	PFOA	7.2
LTW-04	FAY-GWASI-LTW-04	11/16/2017	PFOS	<2.0
LTW-05	FAY-GWASI-LTW-05	11/16/2017	HFPO Dimer Acid	45,000
LTW-05	FAY-GWASI-LTW-05	11/16/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
LTW-05	FAY-GWASI-LTW-05	11/16/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
LTW-05	FAY-GWASI-LTW-05	11/16/2017	Perfluorobutane Sulfonic Acid	<2.0
LTW-05	FAY-GWASI-LTW-05	11/16/2017	Perfluorodecanoic Acid	<2.0
LTW-05	FAY-GWASI-LTW-05	11/16/2017	Perfluorododecanoic Acid	<2.0
LTW-05	FAY-GWASI-LTW-05	11/16/2017	Perfluoroheptanoic Acid	550
LTW-05	FAY-GWASI-LTW-05	11/16/2017	Perfluorohexane Sulfonic Acid	<2.0
LTW-05	FAY-GWASI-LTW-05	11/16/2017	Perfluorohexanoic Acid	170
LTW-05	FAY-GWASI-LTW-05	11/16/2017	Perfluorononanoic Acid	<2.0

January 2018

TABLE 5a
Surficial Aquifer PFAS - List 1 Concentrations

Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Date	Parameter Name	Result (ng/L)
LTW-05	FAY-GWASI-LTW-05	11/16/2017	Perfluoropentanoic Acid	3900
LTW-05	FAY-GWASI-LTW-05	11/16/2017	Perfluorotetradecanoic Acid	<2.0
LTW-05	FAY-GWASI-LTW-05	11/16/2017	Perfluorotridecanoic Acid	<2.0
LTW-05	FAY-GWASI-LTW-05	11/16/2017	Perfluoroundecanoic Acid	<2.0
LTW-05	FAY-GWASI-LTW-05	11/16/2017	PFOA	3
LTW-05	FAY-GWASI-LTW-05	11/16/2017	PFOS	<2.0
MW-13D	FAY-GWASI-MW-13D	11/16/2017	HFPO Dimer Acid	45,000
MW-13D	FAY-GWASI-MW-13D	11/16/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
MW-13D	FAY-GWASI-MW-13D	11/16/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
MW-13D	FAY-GWASI-MW-13D	11/16/2017	Perfluorobutane Sulfonic Acid	<2.0
MW-13D	FAY-GWASI-MW-13D	11/16/2017	Perfluorodecanoic Acid	<2.0
MW-13D	FAY-GWASI-MW-13D	11/16/2017	Perfluorododecanoic Acid	<2.0
MW-13D	FAY-GWASI-MW-13D	11/16/2017	Perfluoroheptanoic Acid	43
MW-13D	FAY-GWASI-MW-13D	11/16/2017	Perfluorohexane Sulfonic Acid	<2.0
MW-13D	FAY-GWASI-MW-13D	11/16/2017	Perfluorohexanoic Acid	77
MW-13D	FAY-GWASI-MW-13D	11/16/2017	Perfluorononanoic Acid	<2.0
MW-13D	FAY-GWASI-MW-13D	11/16/2017	Perfluoropentanoic Acid	4700
MW-13D	FAY-GWASI-MW-13D	11/16/2017	Perfluorotetradecanoic Acid	<2.0
MW-13D	FAY-GWASI-MW-13D	11/16/2017	Perfluorotridecanoic Acid	<2.0
MW-13D	FAY-GWASI-MW-13D	11/16/2017	Perfluoroundecanoic Acid	<2.0
MW-13D	FAY-GWASI-MW-13D	11/16/2017	PFOA	2.5
MW-13D	FAY-GWASI-MW-13D	11/16/2017	PFOS	<2.0
MW-14D	FAY-GWASI-MW-14D	11/30/2017	HFPO Dimer Acid	8300
MW-14D	FAY-GWASI-MW-14D	11/30/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
MW-14D	FAY-GWASI-MW-14D	11/30/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
MW-14D	FAY-GWASI-MW-14D	11/30/2017	Perfluorobutane Sulfonic Acid	2.2
MW-14D	FAY-GWASI-MW-14D	11/30/2017	Perfluorodecanoic Acid	<2.0
MW-14D	FAY-GWASI-MW-14D	11/30/2017	Perfluorododecanoic Acid	<2.0
MW-14D	FAY-GWASI-MW-14D	11/30/2017	Perfluoroheptanoic Acid	100
MW-14D	FAY-GWASI-MW-14D	11/30/2017	Perfluorohexane Sulfonic Acid	4.7
MW-14D	FAY-GWASI-MW-14D	11/30/2017	Perfluorohexanoic Acid	78
MW-14D	FAY-GWASI-MW-14D	11/30/2017	Perfluorononanoic Acid	11
MW-14D	FAY-GWASI-MW-14D	11/30/2017	Perfluoropentanoic Acid	380
MW-14D	FAY-GWASI-MW-14D	11/30/2017	Perfluorotetradecanoic Acid	<2.0
MW-14D	FAY-GWASI-MW-14D	11/30/2017	Perfluorotridecanoic Acid	<2.0
MW-14D	FAY-GWASI-MW-14D	11/30/2017	Perfluoroundecanoic Acid	<2.0
MW-14D	FAY-GWASI-MW-14D	11/30/2017	PFOA	620
MW-14D	FAY-GWASI-MW-14D	11/30/2017	PFOS	7.7
MW-14D	FAY-GWASI-MW-14D-D	11/30/2017	HFPO Dimer Acid	8300
MW-14D	FAY-GWASI-MW-14D-D	11/30/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
MW-14D	FAY-GWASI-MW-14D-D	11/30/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
MW-14D	FAY-GWASI-MW-14D-D	11/30/2017	Perfluorobutane Sulfonic Acid	2.3
MW-14D	FAY-GWASI-MW-14D-D	11/30/2017	Perfluorodecanoic Acid	<2.0
MW-14D	FAY-GWASI-MW-14D-D	11/30/2017	Perfluorododecanoic Acid	<2.0
MW-14D	FAY-GWASI-MW-14D-D	11/30/2017	Perfluoroheptanoic Acid	110
MW-14D	FAY-GWASI-MW-14D-D	11/30/2017	Perfluorohexane Sulfonic Acid	5
MW-14D	FAY-GWASI-MW-14D-D	11/30/2017	Perfluorohexanoic Acid	78
MW-14D	FAY-GWASI-MW-14D-D	11/30/2017	Perfluorononanoic Acid	11
MW-14D	FAY-GWASI-MW-14D-D	11/30/2017	Perfluoropentanoic Acid	370
MW-14D	FAY-GWASI-MW-14D-D	11/30/2017	Perfluorotetradecanoic Acid	<2.0
MW-14D	FAY-GWASI-MW-14D-D	11/30/2017	Perfluorotridecanoic Acid	<2.0
MW-14D	FAY-GWASI-MW-14D-D	11/30/2017	Perfluoroundecanoic Acid	<2.0
MW-14D	FAY-GWASI-MW-14D-D	11/30/2017	PFOA	620

January 2018

TABLE 5a
Surficial Aquifer PFAS - List 1 Concentrations

Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Date	Parameter Name	Result (ng/L)
MW-14D	FAY-GWASI-MW-14D-D	11/30/2017	PFOS	7.7
MW-15DR	FAY-GWNEW-MW-15DR	12/11/2017	HFPO Dimer Acid	3600
MW-15DR	FAY-GWNEW-MW-15DR	12/11/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
MW-15DR	FAY-GWNEW-MW-15DR	12/11/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
MW-15DR	FAY-GWNEW-MW-15DR	12/11/2017	Perfluorobutane Sulfonic Acid	3.6
MW-15DR	FAY-GWNEW-MW-15DR	12/11/2017	Perfluorodecanoic Acid	2.8
MW-15DR	FAY-GWNEW-MW-15DR	12/11/2017	Perfluorododecanoic Acid	<2.0
MW-15DR	FAY-GWNEW-MW-15DR	12/11/2017	Perfluoroheptanoic Acid	35
MW-15DR	FAY-GWNEW-MW-15DR	12/11/2017	Perfluorohexane Sulfonic Acid	5.7
MW-15DR	FAY-GWNEW-MW-15DR	12/11/2017	Perfluorohexanoic Acid	42
MW-15DR	FAY-GWNEW-MW-15DR	12/11/2017	Perfluorononanoic Acid	17
MW-15DR	FAY-GWNEW-MW-15DR	12/11/2017	Perfluoropentanoic Acid	110
MW-15DR	FAY-GWNEW-MW-15DR	12/11/2017	Perfluorotetradecanoic Acid	<2.0
MW-15DR	FAY-GWNEW-MW-15DR	12/11/2017	Perfluorotridecanoic Acid	<2.0
MW-15DR	FAY-GWNEW-MW-15DR	12/11/2017	Perfluoroundecanoic Acid	<2.0
MW-15DR	FAY-GWNEW-MW-15DR	12/11/2017	PFOA	47
MW-15DR	FAY-GWNEW-MW-15DR	12/11/2017	PFOS	11
MW-16D	FAY-GWASI-MW-16D	11/16/2017	HFPO Dimer Acid	720
MW-16D	FAY-GWASI-MW-16D	11/16/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
MW-16D	FAY-GWASI-MW-16D	11/16/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
MW-16D	FAY-GWASI-MW-16D	11/16/2017	Perfluorobutane Sulfonic Acid	<2.0
MW-16D	FAY-GWASI-MW-16D	11/16/2017	Perfluorodecanoic Acid	<2.0
MW-16D	FAY-GWASI-MW-16D	11/16/2017	Perfluorododecanoic Acid	<2.0
MW-16D	FAY-GWASI-MW-16D	11/16/2017	Perfluoroheptanoic Acid	3.4
MW-16D	FAY-GWASI-MW-16D	11/16/2017	Perfluorohexane Sulfonic Acid	<2.0
MW-16D	FAY-GWASI-MW-16D	11/16/2017	Perfluorohexanoic Acid	3.7
MW-16D	FAY-GWASI-MW-16D	11/16/2017	Perfluorononanoic Acid	<2.0
MW-16D	FAY-GWASI-MW-16D	11/16/2017	Perfluoropentanoic Acid	17
MW-16D	FAY-GWASI-MW-16D	11/16/2017	Perfluorotetradecanoic Acid	<2.0
MW-16D	FAY-GWASI-MW-16D	11/16/2017	Perfluorotridecanoic Acid	<2.0
MW-16D	FAY-GWASI-MW-16D	11/16/2017	Perfluoroundecanoic Acid	<2.0
MW-16D	FAY-GWASI-MW-16D	11/16/2017	PFOA	12
MW-16D	FAY-GWASI-MW-16D	11/16/2017	PFOS	<2.0
MW-17D	FAY-GWASI-MW-17D	11/17/2017	HFPO Dimer Acid	610
MW-17D	FAY-GWASI-MW-17D	11/17/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
MW-17D	FAY-GWASI-MW-17D	11/17/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
MW-17D	FAY-GWASI-MW-17D	11/17/2017	Perfluorobutane Sulfonic Acid	<2.0
MW-17D	FAY-GWASI-MW-17D	11/17/2017	Perfluorodecanoic Acid	<2.0
MW-17D	FAY-GWASI-MW-17D	11/17/2017	Perfluorododecanoic Acid	<2.0
MW-17D	FAY-GWASI-MW-17D	11/17/2017	Perfluoroheptanoic Acid	3.5
MW-17D	FAY-GWASI-MW-17D	11/17/2017	Perfluorohexane Sulfonic Acid	<2.0
MW-17D	FAY-GWASI-MW-17D	11/17/2017	Perfluorohexanoic Acid	4.3
MW-17D	FAY-GWASI-MW-17D	11/17/2017	Perfluorononanoic Acid	<2.0
MW-17D	FAY-GWASI-MW-17D	11/17/2017	Perfluoropentanoic Acid	17
MW-17D	FAY-GWASI-MW-17D	11/17/2017	Perfluorotetradecanoic Acid	<2.0
MW-17D	FAY-GWASI-MW-17D	11/17/2017	Perfluorotridecanoic Acid	<2.0
MW-17D	FAY-GWASI-MW-17D	11/17/2017	Perfluoroundecanoic Acid	<2.0
MW-17D	FAY-GWASI-MW-17D	11/17/2017	PFOA	3.4
MW-17D	FAY-GWASI-MW-17D	11/17/2017	PFOS	<2.0
MW-17D	FAY-GWASI-MW-17D-D	11/17/2017	HFPO Dimer Acid	610
MW-17D	FAY-GWASI-MW-17D-D	11/17/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
MW-17D	FAY-GWASI-MW-17D-D	11/17/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
MW-17D	FAY-GWASI-MW-17D-D	11/17/2017	Perfluorobutane Sulfonic Acid	<2.0

January 2018

TABLE 5a
Surficial Aquifer PFAS - List 1 Concentrations

Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Date	Parameter Name	Result (ng/L)
MW-17D	FAY-GWASI-MW-17D-D	11/17/2017	Perfluorodecanoic Acid	<2.0
MW-17D	FAY-GWASI-MW-17D-D	11/17/2017	Perfluorododecanoic Acid	<2.0
MW-17D	FAY-GWASI-MW-17D-D	11/17/2017	Perfluoroheptanoic Acid	3.3
MW-17D	FAY-GWASI-MW-17D-D	11/17/2017	Perfluorohexane Sulfonic Acid	<2.0
MW-17D	FAY-GWASI-MW-17D-D	11/17/2017	Perfluorohexanoic Acid	4.1
MW-17D	FAY-GWASI-MW-17D-D	11/17/2017	Perfluorononanoic Acid	<2.0
MW-17D	FAY-GWASI-MW-17D-D	11/17/2017	Perfluoropentanoic Acid	17
MW-17D	FAY-GWASI-MW-17D-D	11/17/2017	Perfluorotetradecanoic Acid	<2.0
MW-17D	FAY-GWASI-MW-17D-D	11/17/2017	Perfluorotridecanoic Acid	<2.0
MW-17D	FAY-GWASI-MW-17D-D	11/17/2017	Perfluoroundecanoic Acid	<2.0
MW-17D	FAY-GWASI-MW-17D-D	11/17/2017	PFOA	3.2
MW-17D	FAY-GWASI-MW-17D-D	11/17/2017	PFOS	<2.0
MW-18D	FAY-GWNEW-MW-18D	12/06/2017	HFPO Dimer Acid	170 J
MW-18D	FAY-GWNEW-MW-18D	12/06/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
MW-18D	FAY-GWNEW-MW-18D	12/06/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
MW-18D	FAY-GWNEW-MW-18D	12/06/2017	Perfluorobutane Sulfonic Acid	<2.0
MW-18D	FAY-GWNEW-MW-18D	12/06/2017	Perfluorodecanoic Acid	<2.0
MW-18D	FAY-GWNEW-MW-18D	12/06/2017	Perfluorododecanoic Acid	<2.0
MW-18D	FAY-GWNEW-MW-18D	12/06/2017	Perfluoroheptanoic Acid	<2.0
MW-18D	FAY-GWNEW-MW-18D	12/06/2017	Perfluorohexane Sulfonic Acid	<2.0
MW-18D	FAY-GWNEW-MW-18D	12/06/2017	Perfluorohexanoic Acid	<2.0
MW-18D	FAY-GWNEW-MW-18D	12/06/2017	Perfluorononanoic Acid	<2.0
MW-18D	FAY-GWNEW-MW-18D	12/06/2017	Perfluoropentanoic Acid	3.2
MW-18D	FAY-GWNEW-MW-18D	12/06/2017	Perfluorotetradecanoic Acid	<2.0
MW-18D	FAY-GWNEW-MW-18D	12/06/2017	Perfluorotridecanoic Acid	<2.0
MW-18D	FAY-GWNEW-MW-18D	12/06/2017	Perfluoroundecanoic Acid	<2.0
MW-18D	FAY-GWNEW-MW-18D	12/06/2017	PFOA	<2.0
MW-18D	FAY-GWNEW-MW-18D	12/06/2017	PFOS	<2.0
MW-19D	FAY-GWNEW-MW-19D	12/06/2017	HFPO Dimer Acid	840 J
MW-19D	FAY-GWNEW-MW-19D	12/06/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
MW-19D	FAY-GWNEW-MW-19D	12/06/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
MW-19D	FAY-GWNEW-MW-19D	12/06/2017	Perfluorobutane Sulfonic Acid	<2.0
MW-19D	FAY-GWNEW-MW-19D	12/06/2017	Perfluorodecanoic Acid	<2.0
MW-19D	FAY-GWNEW-MW-19D	12/06/2017	Perfluorododecanoic Acid	<2.0
MW-19D	FAY-GWNEW-MW-19D	12/06/2017	Perfluoroheptanoic Acid	4.8
MW-19D	FAY-GWNEW-MW-19D	12/06/2017	Perfluorohexane Sulfonic Acid	<2.0
MW-19D	FAY-GWNEW-MW-19D	12/06/2017	Perfluorohexanoic Acid	5.6
MW-19D	FAY-GWNEW-MW-19D	12/06/2017	Perfluorononanoic Acid	<2.0
MW-19D	FAY-GWNEW-MW-19D	12/06/2017	Perfluoropentanoic Acid	24
MW-19D	FAY-GWNEW-MW-19D	12/06/2017	Perfluorotetradecanoic Acid	<2.0
MW-19D	FAY-GWNEW-MW-19D	12/06/2017	Perfluorotridecanoic Acid	<2.0
MW-19D	FAY-GWNEW-MW-19D	12/06/2017	Perfluoroundecanoic Acid	<2.0
MW-19D	FAY-GWNEW-MW-19D	12/06/2017	PFOA	7.1
MW-19D	FAY-GWNEW-MW-19D	12/06/2017	PFOS	<2.0
MW-19D	FAY-GWNEW-MW-19D-D	12/06/2017	HFPO Dimer Acid	840 J
MW-19D	FAY-GWNEW-MW-19D-D	12/06/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
MW-19D	FAY-GWNEW-MW-19D-D	12/06/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
MW-19D	FAY-GWNEW-MW-19D-D	12/06/2017	Perfluorobutane Sulfonic Acid	<2.0
MW-19D	FAY-GWNEW-MW-19D-D	12/06/2017	Perfluorodecanoic Acid	<2.0
MW-19D	FAY-GWNEW-MW-19D-D	12/06/2017	Perfluorododecanoic Acid	<2.0
MW-19D	FAY-GWNEW-MW-19D-D	12/06/2017	Perfluoroheptanoic Acid	4.5
MW-19D	FAY-GWNEW-MW-19D-D	12/06/2017	Perfluorohexane Sulfonic Acid	<2.0
MW-19D	FAY-GWNEW-MW-19D-D	12/06/2017	Perfluorohexanoic Acid	5.8

January 2018

TABLE 5a
Surficial Aquifer PFAS - List 1 Concentrations

Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Date	Parameter Name	Result (ng/L)
MW-19D	FAY-GWNEW-MW-19D-D	12/06/2017	Perfluorononanoic Acid	<2.0
MW-19D	FAY-GWNEW-MW-19D-D	12/06/2017	Perfluoropentanoic Acid	23
MW-19D	FAY-GWNEW-MW-19D-D	12/06/2017	Perfluorotetradecanoic Acid	<2.0
MW-19D	FAY-GWNEW-MW-19D-D	12/06/2017	Perfluorotridecanoic Acid	<2.0
MW-19D	FAY-GWNEW-MW-19D-D	12/06/2017	Perfluoroundecanoic Acid	<2.0
MW-19D	FAY-GWNEW-MW-19D-D	12/06/2017	PFOA	7.2
MW-19D	FAY-GWNEW-MW-19D-D	12/06/2017	PFOS	<2.0
MW-20D	FAY-GWNEW-MW-20D	12/07/2017	HFPO Dimer Acid	1400
MW-20D	FAY-GWNEW-MW-20D	12/07/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
MW-20D	FAY-GWNEW-MW-20D	12/07/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
MW-20D	FAY-GWNEW-MW-20D	12/07/2017	Perfluorobutane Sulfonic Acid	<2.0
MW-20D	FAY-GWNEW-MW-20D	12/07/2017	Perfluorodecanoic Acid	<2.0
MW-20D	FAY-GWNEW-MW-20D	12/07/2017	Perfluorododecanoic Acid	<2.0
MW-20D	FAY-GWNEW-MW-20D	12/07/2017	Perfluoroheptanoic Acid	9.4
MW-20D	FAY-GWNEW-MW-20D	12/07/2017	Perfluorohexane Sulfonic Acid	<2.0
MW-20D	FAY-GWNEW-MW-20D	12/07/2017	Perfluorohexanoic Acid	11
MW-20D	FAY-GWNEW-MW-20D	12/07/2017	Perfluorononanoic Acid	<2.0
MW-20D	FAY-GWNEW-MW-20D	12/07/2017	Perfluoropentanoic Acid	46
MW-20D	FAY-GWNEW-MW-20D	12/07/2017	Perfluorotetradecanoic Acid	<2.0
MW-20D	FAY-GWNEW-MW-20D	12/07/2017	Perfluorotridecanoic Acid	<2.0
MW-20D	FAY-GWNEW-MW-20D	12/07/2017	Perfluoroundecanoic Acid	<2.0
MW-20D	FAY-GWNEW-MW-20D	12/07/2017	PFOA	35
MW-20D	FAY-GWNEW-MW-20D	12/07/2017	PFOS	<2.0
MW-21D	FAY-GWNEW-MW-21D	12/06/2017	HFPO Dimer Acid	390 J
MW-21D	FAY-GWNEW-MW-21D	12/06/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
MW-21D	FAY-GWNEW-MW-21D	12/06/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
MW-21D	FAY-GWNEW-MW-21D	12/06/2017	Perfluorobutane Sulfonic Acid	<2.0
MW-21D	FAY-GWNEW-MW-21D	12/06/2017	Perfluorodecanoic Acid	<2.0
MW-21D	FAY-GWNEW-MW-21D	12/06/2017	Perfluorododecanoic Acid	<2.0
MW-21D	FAY-GWNEW-MW-21D	12/06/2017	Perfluoroheptanoic Acid	<2.0
MW-21D	FAY-GWNEW-MW-21D	12/06/2017	Perfluorohexane Sulfonic Acid	<2.0
MW-21D	FAY-GWNEW-MW-21D	12/06/2017	Perfluorohexanoic Acid	<2.0
MW-21D	FAY-GWNEW-MW-21D	12/06/2017	Perfluorononanoic Acid	<2.0
MW-21D	FAY-GWNEW-MW-21D	12/06/2017	Perfluoropentanoic Acid	9.5
MW-21D	FAY-GWNEW-MW-21D	12/06/2017	Perfluorotetradecanoic Acid	<2.0
MW-21D	FAY-GWNEW-MW-21D	12/06/2017	Perfluorotridecanoic Acid	<2.0
MW-21D	FAY-GWNEW-MW-21D	12/06/2017	Perfluoroundecanoic Acid	<2.0
MW-21D	FAY-GWNEW-MW-21D	12/06/2017	PFOA	<2.0
MW-21D	FAY-GWNEW-MW-21D	12/06/2017	PFOS	<2.0
MW-22D	FAY-GWNEW-MW-22D	12/08/2017	HFPO Dimer Acid	990
MW-22D	FAY-GWNEW-MW-22D	12/08/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
MW-22D	FAY-GWNEW-MW-22D	12/08/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
MW-22D	FAY-GWNEW-MW-22D	12/08/2017	Perfluorobutane Sulfonic Acid	<2.0
MW-22D	FAY-GWNEW-MW-22D	12/08/2017	Perfluorodecanoic Acid	<2.0
MW-22D	FAY-GWNEW-MW-22D	12/08/2017	Perfluorododecanoic Acid	<2.0
MW-22D	FAY-GWNEW-MW-22D	12/08/2017	Perfluoroheptanoic Acid	3.7
MW-22D	FAY-GWNEW-MW-22D	12/08/2017	Perfluorohexane Sulfonic Acid	<2.0
MW-22D	FAY-GWNEW-MW-22D	12/08/2017	Perfluorohexanoic Acid	4.6
MW-22D	FAY-GWNEW-MW-22D	12/08/2017	Perfluorononanoic Acid	<2.0
MW-22D	FAY-GWNEW-MW-22D	12/08/2017	Perfluoropentanoic Acid	15
MW-22D	FAY-GWNEW-MW-22D	12/08/2017	Perfluorotetradecanoic Acid	<2.0
MW-22D	FAY-GWNEW-MW-22D	12/08/2017	Perfluorotridecanoic Acid	<2.0
MW-22D	FAY-GWNEW-MW-22D	12/08/2017	Perfluoroundecanoic Acid	<2.0

January 2018

TABLE 5a
Surficial Aquifer PFAS - List 1 Concentrations

Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Date	Parameter Name	Result (ng/L)
MW-22D	FAY-GWNEW-MW-22D	12/08/2017	PFOA	10
MW-22D	FAY-GWNEW-MW-22D	12/08/2017	PFOS	<2.0
NAF-08B	FAY-GWASI-NAF-08B	11/16/2017	HFPO Dimer Acid	6600 J
NAF-08B	FAY-GWASI-NAF-08B	11/16/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
NAF-08B	FAY-GWASI-NAF-08B	11/16/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
NAF-08B	FAY-GWASI-NAF-08B	11/16/2017	Perfluorobutane Sulfonic Acid	<2.0
NAF-08B	FAY-GWASI-NAF-08B	11/16/2017	Perfluorodecanoic Acid	<2.0
NAF-08B	FAY-GWASI-NAF-08B	11/16/2017	Perfluorododecanoic Acid	<2.0
NAF-08B	FAY-GWASI-NAF-08B	11/16/2017	Perfluoroheptanoic Acid	23
NAF-08B	FAY-GWASI-NAF-08B	11/16/2017	Perfluorohexane Sulfonic Acid	<2.0
NAF-08B	FAY-GWASI-NAF-08B	11/16/2017	Perfluorohexanoic Acid	16
NAF-08B	FAY-GWASI-NAF-08B	11/16/2017	Perfluorononanoic Acid	<2.0
NAF-08B	FAY-GWASI-NAF-08B	11/16/2017	Perfluoropentanoic Acid	530
NAF-08B	FAY-GWASI-NAF-08B	11/16/2017	Perfluorotetradecanoic Acid	<2.0
NAF-08B	FAY-GWASI-NAF-08B	11/16/2017	Perfluorotridecanoic Acid	<2.0
NAF-08B	FAY-GWASI-NAF-08B	11/16/2017	Perfluoroundecanoic Acid	<2.0
NAF-08B	FAY-GWASI-NAF-08B	11/16/2017	PFOA	<2.0
NAF-08B	FAY-GWASI-NAF-08B	11/16/2017	PFOS	<2.0
SMW-01	FAY-GWASI-SMW-01	11/21/2017	HFPO Dimer Acid	2100 J
SMW-01	FAY-GWASI-SMW-01	11/21/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
SMW-01	FAY-GWASI-SMW-01	11/21/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
SMW-01	FAY-GWASI-SMW-01	11/21/2017	Perfluorobutane Sulfonic Acid	2.4
SMW-01	FAY-GWASI-SMW-01	11/21/2017	Perfluorodecanoic Acid	<2.0
SMW-01	FAY-GWASI-SMW-01	11/21/2017	Perfluorododecanoic Acid	<2.0
SMW-01	FAY-GWASI-SMW-01	11/21/2017	Perfluoroheptanoic Acid	12
SMW-01	FAY-GWASI-SMW-01	11/21/2017	Perfluorohexane Sulfonic Acid	<2.0
SMW-01	FAY-GWASI-SMW-01	11/21/2017	Perfluorohexanoic Acid	8.9
SMW-01	FAY-GWASI-SMW-01	11/21/2017	Perfluorononanoic Acid	<2.0
SMW-01	FAY-GWASI-SMW-01	11/21/2017	Perfluoropentanoic Acid	25
SMW-01	FAY-GWASI-SMW-01	11/21/2017	Perfluorotetradecanoic Acid	<2.0
SMW-01	FAY-GWASI-SMW-01	11/21/2017	Perfluorotridecanoic Acid	<2.0
SMW-01	FAY-GWASI-SMW-01	11/21/2017	Perfluoroundecanoic Acid	<2.0
SMW-01	FAY-GWASI-SMW-01	11/21/2017	PFOA	15
SMW-01	FAY-GWASI-SMW-01	11/21/2017	PFOS	2.5
SMW-01	FAY-GWASI-SMW-01-D	11/21/2017	HFPO Dimer Acid	2100 J
SMW-01	FAY-GWASI-SMW-01-D	11/21/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
SMW-01	FAY-GWASI-SMW-01-D	11/21/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
SMW-01	FAY-GWASI-SMW-01-D	11/21/2017	Perfluorobutane Sulfonic Acid	2.5
SMW-01	FAY-GWASI-SMW-01-D	11/21/2017	Perfluorodecanoic Acid	<2.0
SMW-01	FAY-GWASI-SMW-01-D	11/21/2017	Perfluorododecanoic Acid	<2.0
SMW-01	FAY-GWASI-SMW-01-D	11/21/2017	Perfluoroheptanoic Acid	12
SMW-01	FAY-GWASI-SMW-01-D	11/21/2017	Perfluorohexane Sulfonic Acid	<2.0
SMW-01	FAY-GWASI-SMW-01-D	11/21/2017	Perfluorohexanoic Acid	8.7
SMW-01	FAY-GWASI-SMW-01-D	11/21/2017	Perfluorononanoic Acid	<2.0
SMW-01	FAY-GWASI-SMW-01-D	11/21/2017	Perfluoropentanoic Acid	26
SMW-01	FAY-GWASI-SMW-01-D	11/21/2017	Perfluorotetradecanoic Acid	<2.0
SMW-01	FAY-GWASI-SMW-01-D	11/21/2017	Perfluorotridecanoic Acid	<2.0
SMW-01	FAY-GWASI-SMW-01-D	11/21/2017	Perfluoroundecanoic Acid	<2.0
SMW-01	FAY-GWASI-SMW-01-D	11/21/2017	PFOA	14
SMW-01	FAY-GWASI-SMW-01-D	11/21/2017	PFOS	2.3
SMW-03B	FAY-GWASI-SMW-03B	11/21/2017	HFPO Dimer Acid	8900 J
SMW-03B	FAY-GWASI-SMW-03B	11/21/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
SMW-03B	FAY-GWASI-SMW-03B	11/21/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20

January 2018

Permit No. NCD047368642-R1

TABLE 5a
Surficial Aquifer PFAS - List 1 Concentrations

Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Date	Parameter Name	Result (ng/L)
SMW-03B	FAY-GWASI-SMW-03B	11/21/2017	Perfluorobutane Sulfonic Acid	<2.0
SMW-03B	FAY-GWASI-SMW-03B	11/21/2017	Perfluorodecanoic Acid	<2.0
SMW-03B	FAY-GWASI-SMW-03B	11/21/2017	Perfluorododecanoic Acid	<2.0
SMW-03B	FAY-GWASI-SMW-03B	11/21/2017	Perfluoroheptanoic Acid	41
SMW-03B	FAY-GWASI-SMW-03B	11/21/2017	Perfluorohexane Sulfonic Acid	<2.0
SMW-03B	FAY-GWASI-SMW-03B	11/21/2017	Perfluorohexanoic Acid	38
SMW-03B	FAY-GWASI-SMW-03B	11/21/2017	Perfluorononanoic Acid	<2.0
SMW-03B	FAY-GWASI-SMW-03B	11/21/2017	Perfluoropentanoic Acid	480
SMW-03B	FAY-GWASI-SMW-03B	11/21/2017	Perfluorotetradecanoic Acid	<2.0
SMW-03B	FAY-GWASI-SMW-03B	11/21/2017	Perfluorotridecanoic Acid	<2.0
SMW-03B	FAY-GWASI-SMW-03B	11/21/2017	Perfluoroundecanoic Acid	<2.0
SMW-03B	FAY-GWASI-SMW-03B	11/21/2017	PFOA	130
SMW-03B	FAY-GWASI-SMW-03B	11/21/2017	PFOS	<2.0
SMW-04B	FAY-GWASI-SMW-04B	11/21/2017	HFPO Dimer Acid	4500
SMW-04B	FAY-GWASI-SMW-04B	11/21/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
SMW-04B	FAY-GWASI-SMW-04B	11/21/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<33
SMW-04B	FAY-GWASI-SMW-04B	11/21/2017	Perfluorobutane Sulfonic Acid	2.3
SMW-04B	FAY-GWASI-SMW-04B	11/21/2017	Perfluorodecanoic Acid	<3.3
SMW-04B	FAY-GWASI-SMW-04B	11/21/2017	Perfluorododecanoic Acid	<5.9
SMW-04B	FAY-GWASI-SMW-04B	11/21/2017	Perfluoroheptanoic Acid	51
SMW-04B	FAY-GWASI-SMW-04B	11/21/2017	Perfluorohexane Sulfonic Acid	2.4
SMW-04B	FAY-GWASI-SMW-04B	11/21/2017	Perfluorohexanoic Acid	41
SMW-04B	FAY-GWASI-SMW-04B	11/21/2017	Perfluorononanoic Acid	<2.9
SMW-04B	FAY-GWASI-SMW-04B	11/21/2017	Perfluoropentanoic Acid	86
SMW-04B	FAY-GWASI-SMW-04B	11/21/2017	Perfluorotetradecanoic Acid	<3.1
SMW-04B	FAY-GWASI-SMW-04B	11/21/2017	Perfluorotridecanoic Acid	<14
SMW-04B	FAY-GWASI-SMW-04B	11/21/2017	Perfluoroundecanoic Acid	<12
SMW-04B	FAY-GWASI-SMW-04B	11/21/2017	PFOA	23,000
SMW-04B	FAY-GWASI-SMW-04B	11/21/2017	PFOS	<5.7
SMW-05P	FAY-GWASI-SMW-05P	11/15/2017	HFPO Dimer Acid	7700 J
SMW-05P	FAY-GWASI-SMW-05P	11/15/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
SMW-05P	FAY-GWASI-SMW-05P	11/15/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
SMW-05P	FAY-GWASI-SMW-05P	11/15/2017	Perfluorobutane Sulfonic Acid	7.7
SMW-05P	FAY-GWASI-SMW-05P	11/15/2017	Perfluorodecanoic Acid	<2.0
SMW-05P	FAY-GWASI-SMW-05P	11/15/2017	Perfluorododecanoic Acid	<2.0
SMW-05P	FAY-GWASI-SMW-05P	11/15/2017	Perfluoroheptanoic Acid	63
SMW-05P	FAY-GWASI-SMW-05P	11/15/2017	Perfluorohexane Sulfonic Acid	10
SMW-05P	FAY-GWASI-SMW-05P	11/15/2017	Perfluorohexanoic Acid	42
SMW-05P	FAY-GWASI-SMW-05P	11/15/2017	Perfluorononanoic Acid	2.8
SMW-05P	FAY-GWASI-SMW-05P	11/15/2017	Perfluoropentanoic Acid	280
SMW-05P	FAY-GWASI-SMW-05P	11/15/2017	Perfluorotetradecanoic Acid	<2.0
SMW-05P	FAY-GWASI-SMW-05P	11/15/2017	Perfluorotridecanoic Acid	<2.0
SMW-05P	FAY-GWASI-SMW-05P	11/15/2017	Perfluoroundecanoic Acid	<2.0
SMW-05P	FAY-GWASI-SMW-05P	11/15/2017	PFOA	510
SMW-05P	FAY-GWASI-SMW-05P	11/15/2017	PFOS	3.2
SMW-06B	FAY-GWASI-SMW-06B	11/21/2017	HFPO Dimer Acid	42,000
SMW-06B	FAY-GWASI-SMW-06B	11/21/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
SMW-06B	FAY-GWASI-SMW-06B	11/21/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
SMW-06B	FAY-GWASI-SMW-06B	11/21/2017	Perfluorobutane Sulfonic Acid	<2.0
SMW-06B	FAY-GWASI-SMW-06B	11/21/2017	Perfluorodecanoic Acid	<2.0
SMW-06B	FAY-GWASI-SMW-06B	11/21/2017	Perfluorododecanoic Acid	<2.0
SMW-06B	FAY-GWASI-SMW-06B	11/21/2017	Perfluoroheptanoic Acid	230 J
SMW-06B	FAY-GWASI-SMW-06B	11/21/2017	Perfluorohexane Sulfonic Acid	2 J

January 2018

TABLE 5a
Surficial Aquifer PFAS - List 1 Concentrations

Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Date	Parameter Name	Result (ng/L)
SMW-06B	FAY-GWASI-SMW-06B	11/21/2017	Perfluorohexanoic Acid	110 J
SMW-06B	FAY-GWASI-SMW-06B	11/21/2017	Perfluorononanoic Acid	2.5 J
SMW-06B	FAY-GWASI-SMW-06B	11/21/2017	Perfluoropentanoic Acid	3200
SMW-06B	FAY-GWASI-SMW-06B	11/21/2017	Perfluorotetradecanoic Acid	<2.0
SMW-06B	FAY-GWASI-SMW-06B	11/21/2017	Perfluorotridecanoic Acid	<2.0
SMW-06B	FAY-GWASI-SMW-06B	11/21/2017	Perfluoroundecanoic Acid	<2.0
SMW-06B	FAY-GWASI-SMW-06B	11/21/2017	PFOA	3500
SMW-06B	FAY-GWASI-SMW-06B	11/21/2017	PFOS	2.9 J
SMW-08B	FAY-GWASI-SMW-08B	11/21/2017	HFPO Dimer Acid	15,000
SMW-08B	FAY-GWASI-SMW-08B	11/21/2017	N-ethyl perfluoroctane sulfonamidoacetic acid	<20
SMW-08B	FAY-GWASI-SMW-08B	11/21/2017	N-methyl perfluoroctane sulfonamidoacetic acid	<20
SMW-08B	FAY-GWASI-SMW-08B	11/21/2017	Perfluorobutane Sulfonic Acid	4.1
SMW-08B	FAY-GWASI-SMW-08B	11/21/2017	Perfluorodecanoic Acid	<2.0
SMW-08B	FAY-GWASI-SMW-08B	11/21/2017	Perfluorododecanoic Acid	<2.0
SMW-08B	FAY-GWASI-SMW-08B	11/21/2017	Perfluoroheptanoic Acid	130
SMW-08B	FAY-GWASI-SMW-08B	11/21/2017	Perfluorohexane Sulfonic Acid	6
SMW-08B	FAY-GWASI-SMW-08B	11/21/2017	Perfluorohexanoic Acid	45
SMW-08B	FAY-GWASI-SMW-08B	11/21/2017	Perfluorononanoic Acid	5.1
SMW-08B	FAY-GWASI-SMW-08B	11/21/2017	Perfluoropentanoic Acid	1100
SMW-08B	FAY-GWASI-SMW-08B	11/21/2017	Perfluorotetradecanoic Acid	<2.0
SMW-08B	FAY-GWASI-SMW-08B	11/21/2017	Perfluorotridecanoic Acid	<2.0
SMW-08B	FAY-GWASI-SMW-08B	11/21/2017	Perfluoroundecanoic Acid	<2.0
SMW-08B	FAY-GWASI-SMW-08B	11/21/2017	PFOA	450
SMW-08B	FAY-GWASI-SMW-08B	11/21/2017	PFOS	5.7
SMW-09	FAY-GWASI-SMW-09	11/15/2017	HFPO Dimer Acid	16,000 J
SMW-09	FAY-GWASI-SMW-09	11/15/2017	N-ethyl perfluoroctane sulfonamidoacetic acid	<20
SMW-09	FAY-GWASI-SMW-09	11/15/2017	N-methyl perfluoroctane sulfonamidoacetic acid	<20
SMW-09	FAY-GWASI-SMW-09	11/15/2017	Perfluorobutane Sulfonic Acid	3
SMW-09	FAY-GWASI-SMW-09	11/15/2017	Perfluorodecanoic Acid	<2.0
SMW-09	FAY-GWASI-SMW-09	11/15/2017	Perfluorododecanoic Acid	<2.0
SMW-09	FAY-GWASI-SMW-09	11/15/2017	Perfluoroheptanoic Acid	63
SMW-09	FAY-GWASI-SMW-09	11/15/2017	Perfluorohexane Sulfonic Acid	13
SMW-09	FAY-GWASI-SMW-09	11/15/2017	Perfluorohexanoic Acid	88
SMW-09	FAY-GWASI-SMW-09	11/15/2017	Perfluorononanoic Acid	<2.0
SMW-09	FAY-GWASI-SMW-09	11/15/2017	Perfluoropentanoic Acid	290
SMW-09	FAY-GWASI-SMW-09	11/15/2017	Perfluorotetradecanoic Acid	<2.0
SMW-09	FAY-GWASI-SMW-09	11/15/2017	Perfluorotridecanoic Acid	<2.0
SMW-09	FAY-GWASI-SMW-09	11/15/2017	Perfluoroundecanoic Acid	<2.0
SMW-09	FAY-GWASI-SMW-09	11/15/2017	PFOA	53
SMW-09	FAY-GWASI-SMW-09	11/15/2017	PFOS	39
SMW-10	FAY-GWASI-SMW-10	11/15/2017	HFPO Dimer Acid	<10 J
SMW-10	FAY-GWASI-SMW-10	11/15/2017	N-ethyl perfluoroctane sulfonamidoacetic acid	<20
SMW-10	FAY-GWASI-SMW-10	11/15/2017	N-methyl perfluoroctane sulfonamidoacetic acid	<20
SMW-10	FAY-GWASI-SMW-10	11/15/2017	Perfluorobutane Sulfonic Acid	<2.0
SMW-10	FAY-GWASI-SMW-10	11/15/2017	Perfluorodecanoic Acid	<2.0
SMW-10	FAY-GWASI-SMW-10	11/15/2017	Perfluorododecanoic Acid	<2.0
SMW-10	FAY-GWASI-SMW-10	11/15/2017	Perfluoroheptanoic Acid	<2.0
SMW-10	FAY-GWASI-SMW-10	11/15/2017	Perfluorohexane Sulfonic Acid	<2.0
SMW-10	FAY-GWASI-SMW-10	11/15/2017	Perfluorohexanoic Acid	<2.0
SMW-10	FAY-GWASI-SMW-10	11/15/2017	Perfluorononanoic Acid	<2.0
SMW-10	FAY-GWASI-SMW-10	11/15/2017	Perfluoropentanoic Acid	<2.0
SMW-10	FAY-GWASI-SMW-10	11/15/2017	Perfluorotetradecanoic Acid	<2.0
SMW-10	FAY-GWASI-SMW-10	11/15/2017	Perfluorotridecanoic Acid	<2.0

January 2018

TABLE 5a
Surficial Aquifer PFAS - List 1 Concentrations

Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Date	Parameter Name	Result (ng/L)
SMW-10	FAY-GWASI-SMW-10	11/15/2017	Perfluoroundecanoic Acid	<2.0
SMW-10	FAY-GWASI-SMW-10	11/15/2017	PFOA	<2.0
SMW-10	FAY-GWASI-SMW-10	11/15/2017	PFOS	<2.0
SMW-11	FAY-GWASI-SMW-11	11/15/2017	HFPO Dimer Acid	4400 J
SMW-11	FAY-GWASI-SMW-11	11/15/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
SMW-11	FAY-GWASI-SMW-11	11/15/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
SMW-11	FAY-GWASI-SMW-11	11/15/2017	Perfluorobutane Sulfonic Acid	<2.0
SMW-11	FAY-GWASI-SMW-11	11/15/2017	Perfluorodecanoic Acid	<2.0
SMW-11	FAY-GWASI-SMW-11	11/15/2017	Perfluorododecanoic Acid	<2.0
SMW-11	FAY-GWASI-SMW-11	11/15/2017	Perfluoroheptanoic Acid	11
SMW-11	FAY-GWASI-SMW-11	11/15/2017	Perfluorohexane Sulfonic Acid	<2.0
SMW-11	FAY-GWASI-SMW-11	11/15/2017	Perfluorohexanoic Acid	10
SMW-11	FAY-GWASI-SMW-11	11/15/2017	Perfluorononanoic Acid	<2.0
SMW-11	FAY-GWASI-SMW-11	11/15/2017	Perfluoropentanoic Acid	48
SMW-11	FAY-GWASI-SMW-11	11/15/2017	Perfluorotetradecanoic Acid	<2.0
SMW-11	FAY-GWASI-SMW-11	11/15/2017	Perfluorotridecanoic Acid	<2.0
SMW-11	FAY-GWASI-SMW-11	11/15/2017	Perfluoroundecanoic Acid	<2.0
SMW-11	FAY-GWASI-SMW-11	11/15/2017	PFOA	34
SMW-11	FAY-GWASI-SMW-11	11/15/2017	PFOS	<2.0
SMW-12	FAY-GWASI-SMW-12	11/14/2017	HFPO Dimer Acid	1400 J
SMW-12	FAY-GWASI-SMW-12	11/14/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
SMW-12	FAY-GWASI-SMW-12	11/14/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
SMW-12	FAY-GWASI-SMW-12	11/14/2017	Perfluorobutane Sulfonic Acid	<2.0
SMW-12	FAY-GWASI-SMW-12	11/14/2017	Perfluorodecanoic Acid	<2.0
SMW-12	FAY-GWASI-SMW-12	11/14/2017	Perfluorododecanoic Acid	<2.0
SMW-12	FAY-GWASI-SMW-12	11/14/2017	Perfluoroheptanoic Acid	<2.0
SMW-12	FAY-GWASI-SMW-12	11/14/2017	Perfluorohexane Sulfonic Acid	<2.0
SMW-12	FAY-GWASI-SMW-12	11/14/2017	Perfluorohexanoic Acid	<2.0
SMW-12	FAY-GWASI-SMW-12	11/14/2017	Perfluorononanoic Acid	<2.0
SMW-12	FAY-GWASI-SMW-12	11/14/2017	Perfluoropentanoic Acid	33
SMW-12	FAY-GWASI-SMW-12	11/14/2017	Perfluorotetradecanoic Acid	<2.0
SMW-12	FAY-GWASI-SMW-12	11/14/2017	Perfluorotridecanoic Acid	<2.0
SMW-12	FAY-GWASI-SMW-12	11/14/2017	Perfluoroundecanoic Acid	<2.0
SMW-12	FAY-GWASI-SMW-12	11/14/2017	PFOA	<2.0
SMW-12	FAY-GWASI-SMW-12	11/14/2017	PFOS	<2.0

Notes: ng/L = nanograms per liter

J = estimated value

< = less than indicated reporting limit

detections are highlighted

TABLE 5b
Surficial Aquifer PFAS - List 2 Concentrations
 Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Date	Parameter Name	Result (ng/L)
INSITU-1	FAY-GWASI-INSITU1	11/28/2017	PFECA-A	<200
INSITU-1	FAY-GWASI-INSITU1	11/28/2017	PFECA-F	<200
INSITU-1	FAY-GWASI-INSITU1	11/28/2017	PFECA-G	<200
INSITU-1	FAY-GWASI-INSITU1	11/28/2017	PFESA_BP1	<200
INSITU-1	FAY-GWASI-INSITU1	11/28/2017	PFESA_BP2	<200
INSITU-1	FAY-GWASI-INSITU1	11/28/2017	PFMOAA	<200
INSITU-1	FAY-GWASI-INSITU1	11/28/2017	PFO2HxA	366
INSITU-1	FAY-GWASI-INSITU1	11/28/2017	PFO3OA	<200
INSITU-1	FAY-GWASI-INSITU1	11/28/2017	PFO4DA	<200
INSITU-1	FAY-GWASI-INSITU1	11/28/2017	PFO5DA	<200
LTW-01	FAY-GWASI-LTW-01-1	11/16/2017	PFECA-A	<200
LTW-01	FAY-GWASI-LTW-01-1	11/16/2017	PFECA-F	<200
LTW-01	FAY-GWASI-LTW-01-1	11/16/2017	PFECA-G	<200
LTW-01	FAY-GWASI-LTW-01-1	11/16/2017	PFESA_BP1	<200
LTW-01	FAY-GWASI-LTW-01-1	11/16/2017	PFESA_BP2	434
LTW-01	FAY-GWASI-LTW-01-1	11/16/2017	PFMOAA	29,061
LTW-01	FAY-GWASI-LTW-01-1	11/16/2017	PFO2HxA	34,888
LTW-01	FAY-GWASI-LTW-01-1	11/16/2017	PFO3OA	7,178
LTW-01	FAY-GWASI-LTW-01-1	11/16/2017	PFO4DA	1,948
LTW-01	FAY-GWASI-LTW-01-1	11/16/2017	PFO5DA	506
LTW-01	FAY-GWASI-LTW-01-2	11/16/2017	PFECA-A	<200
LTW-01	FAY-GWASI-LTW-01-2	11/16/2017	PFECA-F	<200
LTW-01	FAY-GWASI-LTW-01-2	11/16/2017	PFECA-G	<200
LTW-01	FAY-GWASI-LTW-01-2	11/16/2017	PFESA_BP1	<200
LTW-01	FAY-GWASI-LTW-01-2	11/16/2017	PFESA_BP2	429
LTW-01	FAY-GWASI-LTW-01-2	11/16/2017	PFMOAA	29,496
LTW-01	FAY-GWASI-LTW-01-2	11/16/2017	PFO2HxA	35,359
LTW-01	FAY-GWASI-LTW-01-2	11/16/2017	PFO3OA	7,291
LTW-01	FAY-GWASI-LTW-01-2	11/16/2017	PFO4DA	1,852
LTW-01	FAY-GWASI-LTW-01-2	11/16/2017	PFO5DA	409
LTW-02	FAY-GWASI-LTW-02-1	11/16/2017	PFECA-A	<200
LTW-02	FAY-GWASI-LTW-02-1	11/16/2017	PFECA-F	<200
LTW-02	FAY-GWASI-LTW-02-1	11/16/2017	PFECA-G	<200
LTW-02	FAY-GWASI-LTW-02-1	11/16/2017	PFESA_BP1	<200
LTW-02	FAY-GWASI-LTW-02-1	11/16/2017	PFESA_BP2	<200
LTW-02	FAY-GWASI-LTW-02-1	11/16/2017	PFMOAA	31,056
LTW-02	FAY-GWASI-LTW-02-1	11/16/2017	PFO2HxA	15,118
LTW-02	FAY-GWASI-LTW-02-1	11/16/2017	PFO3OA	2,972
LTW-02	FAY-GWASI-LTW-02-1	11/16/2017	PFO4DA	<200
LTW-02	FAY-GWASI-LTW-02-1	11/16/2017	PFO5DA	<200
LTW-02	FAY-GWASI-LTW-02-2	11/16/2017	PFECA-A	<200
LTW-02	FAY-GWASI-LTW-02-2	11/16/2017	PFECA-F	<200

January 2018

TABLE 5b
Surficial Aquifer PFAS - List 2 Concentrations
 Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Date	Parameter Name	Result (ng/L)
LTW-02	FAY-GWASI-LTW-02-2	11/16/2017	PFECA-G	<200
LTW-02	FAY-GWASI-LTW-02-2	11/16/2017	PFESA_BP1	<200
LTW-02	FAY-GWASI-LTW-02-2	11/16/2017	PFESA_BP2	<200
LTW-02	FAY-GWASI-LTW-02-2	11/16/2017	PFMOAA	31,848
LTW-02	FAY-GWASI-LTW-02-2	11/16/2017	PFO2HxA	16,450
LTW-02	FAY-GWASI-LTW-02-2	11/16/2017	PFO3OA	3,102
LTW-02	FAY-GWASI-LTW-02-2	11/16/2017	PFO4DA	<200
LTW-02	FAY-GWASI-LTW-02-2	11/16/2017	PFO5DA	<200
LTW-03	FAY-GWASI-LTW-03-1	11/30/2017	PFECA-A	<200
LTW-03	FAY-GWASI-LTW-03-1	11/30/2017	PFECA-F	<200
LTW-03	FAY-GWASI-LTW-03-1	11/30/2017	PFECA-G	<200
LTW-03	FAY-GWASI-LTW-03-1	11/30/2017	PFESA_BP1	<200
LTW-03	FAY-GWASI-LTW-03-1	11/30/2017	PFESA_BP2	<200
LTW-03	FAY-GWASI-LTW-03-1	11/30/2017	PFMOAA	140,376
LTW-03	FAY-GWASI-LTW-03-1	11/30/2017	PFO2HxA	39,673
LTW-03	FAY-GWASI-LTW-03-1	11/30/2017	PFO3OA	5,727
LTW-03	FAY-GWASI-LTW-03-1	11/30/2017	PFO4DA	258
LTW-03	FAY-GWASI-LTW-03-1	11/30/2017	PFO5DA	<200
LTW-03	FAY-GWASI-LTW-03-D-1	11/30/2017	PFECA-A	<200
LTW-03	FAY-GWASI-LTW-03-D-1	11/30/2017	PFECA-F	<200
LTW-03	FAY-GWASI-LTW-03-D-1	11/30/2017	PFECA-G	<200
LTW-03	FAY-GWASI-LTW-03-D-1	11/30/2017	PFESA_BP1	<200
LTW-03	FAY-GWASI-LTW-03-D-1	11/30/2017	PFESA_BP2	<200
LTW-03	FAY-GWASI-LTW-03-D-1	11/30/2017	PFMOAA	140,305
LTW-03	FAY-GWASI-LTW-03-D-1	11/30/2017	PFO2HxA	40,664
LTW-03	FAY-GWASI-LTW-03-D-1	11/30/2017	PFO3OA	5,836
LTW-03	FAY-GWASI-LTW-03-D-1	11/30/2017	PFO4DA	<200
LTW-03	FAY-GWASI-LTW-03-D-1	11/30/2017	PFO5DA	<200
LTW-04	FAY-GWASI-LTW-04-1	11/16/2017	PFECA-A	<200
LTW-04	FAY-GWASI-LTW-04-1	11/16/2017	PFECA-F	<200
LTW-04	FAY-GWASI-LTW-04-1	11/16/2017	PFECA-G	<200
LTW-04	FAY-GWASI-LTW-04-1	11/16/2017	PFESA_BP1	<200
LTW-04	FAY-GWASI-LTW-04-1	11/16/2017	PFESA_BP2	327
LTW-04	FAY-GWASI-LTW-04-1	11/16/2017	PFMOAA	100,673
LTW-04	FAY-GWASI-LTW-04-1	11/16/2017	PFO2HxA	41,484
LTW-04	FAY-GWASI-LTW-04-1	11/16/2017	PFO3OA	7,032
LTW-04	FAY-GWASI-LTW-04-1	11/16/2017	PFO4DA	725
LTW-04	FAY-GWASI-LTW-04-1	11/16/2017	PFO5DA	<200
LTW-04	FAY-GWASI-LTW-04-2	11/16/2017	PFECA-A	<200
LTW-04	FAY-GWASI-LTW-04-2	11/16/2017	PFECA-F	280
LTW-04	FAY-GWASI-LTW-04-2	11/16/2017	PFECA-G	<200
LTW-04	FAY-GWASI-LTW-04-2	11/16/2017	PFESA_BP1	<200

January 2018

TABLE 5b
Surficial Aquifer PFAS - List 2 Concentrations
 Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Date	Parameter Name	Result (ng/L)
LTW-04	FAY-GWASI-LTW-04-2	11/16/2017	PFESA_BP2	296
LTW-04	FAY-GWASI-LTW-04-2	11/16/2017	PFMOAA	99,126
LTW-04	FAY-GWASI-LTW-04-2	11/16/2017	PFO2HxA	42,012
LTW-04	FAY-GWASI-LTW-04-2	11/16/2017	PFO3OA	7,004
LTW-04	FAY-GWASI-LTW-04-2	11/16/2017	PFO4DA	786
LTW-04	FAY-GWASI-LTW-04-2	11/16/2017	PFO5DA	<200
LTW-05	FAY-GWASI-LTW-05-1	11/16/2017	PFECA-A	<200
LTW-05	FAY-GWASI-LTW-05-1	11/16/2017	PFECA-F	263
LTW-05	FAY-GWASI-LTW-05-1	11/16/2017	PFECA-G	<200
LTW-05	FAY-GWASI-LTW-05-1	11/16/2017	PFESA_BP1	<200
LTW-05	FAY-GWASI-LTW-05-1	11/16/2017	PFESA_BP2	387
LTW-05	FAY-GWASI-LTW-05-1	11/16/2017	PFMOAA	257,405
LTW-05	FAY-GWASI-LTW-05-1	11/16/2017	PFO2HxA	138,065
LTW-05	FAY-GWASI-LTW-05-1	11/16/2017	PFO3OA	42,265
LTW-05	FAY-GWASI-LTW-05-1	11/16/2017	PFO4DA	4,162
LTW-05	FAY-GWASI-LTW-05-1	11/16/2017	PFO5DA	<200
LTW-05	FAY-GWASI-LTW-05-2	11/16/2017	PFECA-A	<200
LTW-05	FAY-GWASI-LTW-05-2	11/16/2017	PFECA-F	213
LTW-05	FAY-GWASI-LTW-05-2	11/16/2017	PFECA-G	<200
LTW-05	FAY-GWASI-LTW-05-2	11/16/2017	PFESA_BP1	<200
LTW-05	FAY-GWASI-LTW-05-2	11/16/2017	PFESA_BP2	431
LTW-05	FAY-GWASI-LTW-05-2	11/16/2017	PFMOAA	256,730
LTW-05	FAY-GWASI-LTW-05-2	11/16/2017	PFO2HxA	129,860
LTW-05	FAY-GWASI-LTW-05-2	11/16/2017	PFO3OA	43,142
LTW-05	FAY-GWASI-LTW-05-2	11/16/2017	PFO4DA	3,928
LTW-05	FAY-GWASI-LTW-05-2	11/16/2017	PFO5DA	<200
MW-13D	FAY-GWASI-MW-13D-1	11/16/2017	PFECA-A	<200
MW-13D	FAY-GWASI-MW-13D-1	11/16/2017	PFECA-F	<200
MW-13D	FAY-GWASI-MW-13D-1	11/16/2017	PFECA-G	<200
MW-13D	FAY-GWASI-MW-13D-1	11/16/2017	PFESA_BP1	<200
MW-13D	FAY-GWASI-MW-13D-1	11/16/2017	PFESA_BP2	213
MW-13D	FAY-GWASI-MW-13D-1	11/16/2017	PFMOAA	323,340
MW-13D	FAY-GWASI-MW-13D-1	11/16/2017	PFO2HxA	131,950
MW-13D	FAY-GWASI-MW-13D-1	11/16/2017	PFO3OA	11,658
MW-13D	FAY-GWASI-MW-13D-1	11/16/2017	PFO4DA	805
MW-13D	FAY-GWASI-MW-13D-1	11/16/2017	PFO5DA	<200
MW-13D	FAY-GWASI-MW-13D-2	11/16/2017	PFECA-A	<200
MW-13D	FAY-GWASI-MW-13D-2	11/16/2017	PFECA-F	301
MW-13D	FAY-GWASI-MW-13D-2	11/16/2017	PFECA-G	<200
MW-13D	FAY-GWASI-MW-13D-2	11/16/2017	PFESA_BP1	<200
MW-13D	FAY-GWASI-MW-13D-2	11/16/2017	PFESA_BP2	207
MW-13D	FAY-GWASI-MW-13D-2	11/16/2017	PFMOAA	312,555

January 2018

TABLE 5b
Surficial Aquifer PFAS - List 2 Concentrations
 Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Date	Parameter Name	Result (ng/L)
MW-13D	FAY-GWASI-MW-13D-2	11/16/2017	PFO2HxA	132,200
MW-13D	FAY-GWASI-MW-13D-2	11/16/2017	PFO3OA	11,250
MW-13D	FAY-GWASI-MW-13D-2	11/16/2017	PFO4DA	535
MW-13D	FAY-GWASI-MW-13D-2	11/16/2017	PFO5DA	<200
MW-14D	FAY-GWASI-MW-14D-1	11/30/2017	PFECA-A	<200
MW-14D	FAY-GWASI-MW-14D-1	11/30/2017	PFECA-F	<200
MW-14D	FAY-GWASI-MW-14D-1	11/30/2017	PFECA-G	<200
MW-14D	FAY-GWASI-MW-14D-1	11/30/2017	PFESA_BP1	249
MW-14D	FAY-GWASI-MW-14D-1	11/30/2017	PFESA_BP2	360
MW-14D	FAY-GWASI-MW-14D-1	11/30/2017	PFMOAA	93,163
MW-14D	FAY-GWASI-MW-14D-1	11/30/2017	PFO2HxA	26,473
MW-14D	FAY-GWASI-MW-14D-1	11/30/2017	PFO3OA	7,627
MW-14D	FAY-GWASI-MW-14D-1	11/30/2017	PFO4DA	2,764
MW-14D	FAY-GWASI-MW-14D-1	11/30/2017	PFO5DA	595
MW-14D	FAY-GWASI-MW-14D-D-1	11/30/2017	PFECA-A	<200
MW-14D	FAY-GWASI-MW-14D-D-1	11/30/2017	PFECA-F	<200
MW-14D	FAY-GWASI-MW-14D-D-1	11/30/2017	PFECA-G	<200
MW-14D	FAY-GWASI-MW-14D-D-1	11/30/2017	PFESA_BP1	<200
MW-14D	FAY-GWASI-MW-14D-D-1	11/30/2017	PFESA_BP2	363
MW-14D	FAY-GWASI-MW-14D-D-1	11/30/2017	PFMOAA	95,836
MW-14D	FAY-GWASI-MW-14D-D-1	11/30/2017	PFO2HxA	26,807
MW-14D	FAY-GWASI-MW-14D-D-1	11/30/2017	PFO3OA	7,941
MW-14D	FAY-GWASI-MW-14D-D-1	11/30/2017	PFO4DA	2,828
MW-14D	FAY-GWASI-MW-14D-D-1	11/30/2017	PFO5DA	584
MW-15DR	FAY-GWNEW-MW-15DR-1	12/11/2017	PFECA-A	<200
MW-15DR	FAY-GWNEW-MW-15DR-1	12/11/2017	PFECA-F	<200
MW-15DR	FAY-GWNEW-MW-15DR-1	12/11/2017	PFECA-G	<200
MW-15DR	FAY-GWNEW-MW-15DR-1	12/11/2017	PFESA_BP1	12,431
MW-15DR	FAY-GWNEW-MW-15DR-1	12/11/2017	PFESA_BP2	1,714
MW-15DR	FAY-GWNEW-MW-15DR-1	12/11/2017	PFMOAA	39,674
MW-15DR	FAY-GWNEW-MW-15DR-1	12/11/2017	PFO2HxA	11,991
MW-15DR	FAY-GWNEW-MW-15DR-1	12/11/2017	PFO3OA	3,095
MW-15DR	FAY-GWNEW-MW-15DR-1	12/11/2017	PFO4DA	1,098
MW-15DR	FAY-GWNEW-MW-15DR-1	12/11/2017	PFO5DA	693
MW-15DR	FAY-GWNEW-MW-15DR-2	12/11/2017	PFECA-A	<200
MW-15DR	FAY-GWNEW-MW-15DR-2	12/11/2017	PFECA-F	<200
MW-15DR	FAY-GWNEW-MW-15DR-2	12/11/2017	PFECA-G	<200
MW-15DR	FAY-GWNEW-MW-15DR-2	12/11/2017	PFESA_BP1	11,779
MW-15DR	FAY-GWNEW-MW-15DR-2	12/11/2017	PFESA_BP2	1,690
MW-15DR	FAY-GWNEW-MW-15DR-2	12/11/2017	PFMOAA	38,851
MW-15DR	FAY-GWNEW-MW-15DR-2	12/11/2017	PFO2HxA	11,958
MW-15DR	FAY-GWNEW-MW-15DR-2	12/11/2017	PFO3OA	2,686

January 2018

TABLE 5b
Surficial Aquifer PFAS - List 2 Concentrations
 Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Date	Parameter Name	Result (ng/L)
MW-15DR	FAY-GWNEW-MW-15DR-2	12/11/2017	PFO4DA	1,259
MW-15DR	FAY-GWNEW-MW-15DR-2	12/11/2017	PFO5DA	652
MW-16D	FAY-GWASI-MW-16D-1	11/16/2017	PFECA-A	<200
MW-16D	FAY-GWASI-MW-16D-1	11/16/2017	PFECA-F	<200
MW-16D	FAY-GWASI-MW-16D-1	11/16/2017	PFECA-G	<200
MW-16D	FAY-GWASI-MW-16D-1	11/16/2017	PFESA_BP1	<200
MW-16D	FAY-GWASI-MW-16D-1	11/16/2017	PFESA_BP2	242
MW-16D	FAY-GWASI-MW-16D-1	11/16/2017	PFMOAA	2,358
MW-16D	FAY-GWASI-MW-16D-1	11/16/2017	PFO2HxA	879
MW-16D	FAY-GWASI-MW-16D-1	11/16/2017	PFO3OA	225
MW-16D	FAY-GWASI-MW-16D-1	11/16/2017	PFO4DA	<200
MW-16D	FAY-GWASI-MW-16D-1	11/16/2017	PFO5DA	<200
MW-16D	FAY-GWASI-MW-16D-2	11/16/2017	PFECA-A	<200
MW-16D	FAY-GWASI-MW-16D-2	11/16/2017	PFECA-F	<200
MW-16D	FAY-GWASI-MW-16D-2	11/16/2017	PFECA-G	<200
MW-16D	FAY-GWASI-MW-16D-2	11/16/2017	PFESA_BP1	<200
MW-16D	FAY-GWASI-MW-16D-2	11/16/2017	PFESA_BP2	<200
MW-16D	FAY-GWASI-MW-16D-2	11/16/2017	PFMOAA	2,383
MW-16D	FAY-GWASI-MW-16D-2	11/16/2017	PFO2HxA	1,101
MW-16D	FAY-GWASI-MW-16D-2	11/16/2017	PFO3OA	205
MW-16D	FAY-GWASI-MW-16D-2	11/16/2017	PFO4DA	<200
MW-16D	FAY-GWASI-MW-16D-2	11/16/2017	PFO5DA	<200
MW-17D	FAY-GWASI-MW-17D-1	11/17/2017	PFECA-A	<200
MW-17D	FAY-GWASI-MW-17D-1	11/17/2017	PFECA-F	<200
MW-17D	FAY-GWASI-MW-17D-1	11/17/2017	PFECA-G	<200
MW-17D	FAY-GWASI-MW-17D-1	11/17/2017	PFESA_BP1	<200
MW-17D	FAY-GWASI-MW-17D-1	11/17/2017	PFESA_BP2	<200
MW-17D	FAY-GWASI-MW-17D-1	11/17/2017	PFMOAA	215
MW-17D	FAY-GWASI-MW-17D-1	11/17/2017	PFO2HxA	508
MW-17D	FAY-GWASI-MW-17D-1	11/17/2017	PFO3OA	<200
MW-17D	FAY-GWASI-MW-17D-1	11/17/2017	PFO4DA	<200
MW-17D	FAY-GWASI-MW-17D-1	11/17/2017	PFO5DA	<200
MW-17D	FAY-GWASI-MW-17D-2	11/17/2017	PFECA-A	<200
MW-17D	FAY-GWASI-MW-17D-2	11/17/2017	PFECA-F	<200
MW-17D	FAY-GWASI-MW-17D-2	11/17/2017	PFECA-G	<200
MW-17D	FAY-GWASI-MW-17D-2	11/17/2017	PFESA_BP1	<200
MW-17D	FAY-GWASI-MW-17D-2	11/17/2017	PFESA_BP2	<200
MW-17D	FAY-GWASI-MW-17D-2	11/17/2017	PFMOAA	<200
MW-17D	FAY-GWASI-MW-17D-2	11/17/2017	PFO2HxA	593
MW-17D	FAY-GWASI-MW-17D-2	11/17/2017	PFO3OA	<200
MW-17D	FAY-GWASI-MW-17D-2	11/17/2017	PFO4DA	<200
MW-17D	FAY-GWASI-MW-17D-2	11/17/2017	PFO5DA	<200

January 2018

TABLE 5b
Surficial Aquifer PFAS - List 2 Concentrations
 Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Date	Parameter Name	Result (ng/L)
MW-17D	FAY-GWASI-MW-17D-D-1	11/17/2017	PFECA-A	<200
MW-17D	FAY-GWASI-MW-17D-D-1	11/17/2017	PFECA-F	<200
MW-17D	FAY-GWASI-MW-17D-D-1	11/17/2017	PFECA-G	<200
MW-17D	FAY-GWASI-MW-17D-D-1	11/17/2017	PFESA_BP1	<200
MW-17D	FAY-GWASI-MW-17D-D-1	11/17/2017	PFESA_BP2	<200
MW-17D	FAY-GWASI-MW-17D-D-1	11/17/2017	PFMOAA	222
MW-17D	FAY-GWASI-MW-17D-D-1	11/17/2017	PFO2HxA	502
MW-17D	FAY-GWASI-MW-17D-D-1	11/17/2017	PFO3OA	<200
MW-17D	FAY-GWASI-MW-17D-D-1	11/17/2017	PFO4DA	<200
MW-17D	FAY-GWASI-MW-17D-D-1	11/17/2017	PFO5DA	<200
MW-17D	FAY-GWASI-MW-17D-D-2	11/17/2017	PFECA-A	<200
MW-17D	FAY-GWASI-MW-17D-D-2	11/17/2017	PFECA-F	<200
MW-17D	FAY-GWASI-MW-17D-D-2	11/17/2017	PFECA-G	<200
MW-17D	FAY-GWASI-MW-17D-D-2	11/17/2017	PFESA_BP1	<200
MW-17D	FAY-GWASI-MW-17D-D-2	11/17/2017	PFESA_BP2	<200
MW-17D	FAY-GWASI-MW-17D-D-2	11/17/2017	PFMOAA	227
MW-17D	FAY-GWASI-MW-17D-D-2	11/17/2017	PFO2HxA	565
MW-17D	FAY-GWASI-MW-17D-D-2	11/17/2017	PFO3OA	<200
MW-17D	FAY-GWASI-MW-17D-D-2	11/17/2017	PFO4DA	<200
MW-17D	FAY-GWASI-MW-17D-D-2	11/17/2017	PFO5DA	<200
MW-18D	FAY-GWNEW-MW-18D-1	12/06/2017	PFECA-A	<200
MW-18D	FAY-GWNEW-MW-18D-1	12/06/2017	PFECA-F	<200
MW-18D	FAY-GWNEW-MW-18D-1	12/06/2017	PFECA-G	<200
MW-18D	FAY-GWNEW-MW-18D-1	12/06/2017	PFESA_BP1	<200
MW-18D	FAY-GWNEW-MW-18D-1	12/06/2017	PFESA_BP2	<200
MW-18D	FAY-GWNEW-MW-18D-1	12/06/2017	PFMOAA	<200
MW-18D	FAY-GWNEW-MW-18D-1	12/06/2017	PFO2HxA	<200
MW-18D	FAY-GWNEW-MW-18D-1	12/06/2017	PFO3OA	<200
MW-18D	FAY-GWNEW-MW-18D-1	12/06/2017	PFO4DA	<200
MW-18D	FAY-GWNEW-MW-18D-1	12/06/2017	PFO5DA	<200
MW-18D	FAY-GWNEW-MW-18D-2	12/06/2017	PFECA-A	<200
MW-18D	FAY-GWNEW-MW-18D-2	12/06/2017	PFECA-F	<200
MW-18D	FAY-GWNEW-MW-18D-2	12/06/2017	PFECA-G	<200
MW-18D	FAY-GWNEW-MW-18D-2	12/06/2017	PFESA_BP1	<200
MW-18D	FAY-GWNEW-MW-18D-2	12/06/2017	PFESA_BP2	<200
MW-18D	FAY-GWNEW-MW-18D-2	12/06/2017	PFMOAA	<200
MW-18D	FAY-GWNEW-MW-18D-2	12/06/2017	PFO2HxA	<200
MW-18D	FAY-GWNEW-MW-18D-2	12/06/2017	PFO3OA	<200
MW-18D	FAY-GWNEW-MW-18D-2	12/06/2017	PFO4DA	<200
MW-18D	FAY-GWNEW-MW-18D-2	12/06/2017	PFO5DA	<200
MW-19D	FAY-GWNEW-MW-19D-1	12/06/2017	PFECA-A	<200
MW-19D	FAY-GWNEW-MW-19D-1	12/06/2017	PFECA-F	<200

January 2018

TABLE 5b
Surficial Aquifer PFAS - List 2 Concentrations
 Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Date	Parameter Name	Result (ng/L)
MW-19D	FAY-GWNEW-MW-19D-1	12/06/2017	PFECA-G	<200
MW-19D	FAY-GWNEW-MW-19D-1	12/06/2017	PFESA_BP1	<200
MW-19D	FAY-GWNEW-MW-19D-1	12/06/2017	PFESA_BP2	<200
MW-19D	FAY-GWNEW-MW-19D-1	12/06/2017	PFMOAA	658
MW-19D	FAY-GWNEW-MW-19D-1	12/06/2017	PFO2HxA	1,149
MW-19D	FAY-GWNEW-MW-19D-1	12/06/2017	PFO3OA	<200
MW-19D	FAY-GWNEW-MW-19D-1	12/06/2017	PFO4DA	<200
MW-19D	FAY-GWNEW-MW-19D-1	12/06/2017	PFO5DA	<200
MW-19D	FAY-GWNEW-MW-19D-2	12/06/2017	PFECA-A	<200
MW-19D	FAY-GWNEW-MW-19D-2	12/06/2017	PFECA-F	<200
MW-19D	FAY-GWNEW-MW-19D-2	12/06/2017	PFECA-G	<200
MW-19D	FAY-GWNEW-MW-19D-2	12/06/2017	PFESA_BP1	<200
MW-19D	FAY-GWNEW-MW-19D-2	12/06/2017	PFESA_BP2	<200
MW-19D	FAY-GWNEW-MW-19D-2	12/06/2017	PFMOAA	474
MW-19D	FAY-GWNEW-MW-19D-2	12/06/2017	PFO2HxA	971
MW-19D	FAY-GWNEW-MW-19D-2	12/06/2017	PFO3OA	214
MW-19D	FAY-GWNEW-MW-19D-2	12/06/2017	PFO4DA	<200
MW-19D	FAY-GWNEW-MW-19D-2	12/06/2017	PFO5DA	<200
MW-19D	FAY-GWNEW-MW-19D-D-1	12/06/2017	PFECA-A	<200
MW-19D	FAY-GWNEW-MW-19D-D-1	12/06/2017	PFECA-F	<200
MW-19D	FAY-GWNEW-MW-19D-D-1	12/06/2017	PFECA-G	<200
MW-19D	FAY-GWNEW-MW-19D-D-1	12/06/2017	PFESA_BP1	<200
MW-19D	FAY-GWNEW-MW-19D-D-1	12/06/2017	PFESA_BP2	<200
MW-19D	FAY-GWNEW-MW-19D-D-1	12/06/2017	PFMOAA	518
MW-19D	FAY-GWNEW-MW-19D-D-1	12/06/2017	PFO2HxA	1,081
MW-19D	FAY-GWNEW-MW-19D-D-1	12/06/2017	PFO3OA	261
MW-19D	FAY-GWNEW-MW-19D-D-1	12/06/2017	PFO4DA	<200
MW-19D	FAY-GWNEW-MW-19D-D-1	12/06/2017	PFO5DA	<200
MW-19D	FAY-GWNEW-MW-19D-D-2	12/06/2017	PFECA-A	<200
MW-19D	FAY-GWNEW-MW-19D-D-2	12/06/2017	PFECA-F	<200
MW-19D	FAY-GWNEW-MW-19D-D-2	12/06/2017	PFESA_BP1	<200
MW-19D	FAY-GWNEW-MW-19D-D-2	12/06/2017	PFESA_BP2	<200
MW-19D	FAY-GWNEW-MW-19D-D-2	12/06/2017	PFMOAA	582
MW-19D	FAY-GWNEW-MW-19D-D-2	12/06/2017	PFO2HxA	1,089
MW-19D	FAY-GWNEW-MW-19D-D-2	12/06/2017	PFO3OA	200
MW-19D	FAY-GWNEW-MW-19D-D-2	12/06/2017	PFO4DA	<200
MW-19D	FAY-GWNEW-MW-19D-D-2	12/06/2017	PFO5DA	<200
MW-20D	FAY-GWNEW-MW-20D-1	12/06/2017	PFECA-A	<200
MW-20D	FAY-GWNEW-MW-20D-1	12/06/2017	PFECA-F	<200
MW-20D	FAY-GWNEW-MW-20D-1	12/06/2017	PFECA-G	<200
MW-20D	FAY-GWNEW-MW-20D-1	12/06/2017	PFESA_BP1	<200

January 2018

TABLE 5b
Surficial Aquifer PFAS - List 2 Concentrations
 Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Date	Parameter Name	Result (ng/L)
MW-20D	FAY-GWNEW-MW-20D-1	12/06/2017	PFESA_BP2	<200
MW-20D	FAY-GWNEW-MW-20D-1	12/06/2017	PFMOAA	6,627
MW-20D	FAY-GWNEW-MW-20D-1	12/06/2017	PFO2HxA	2,720
MW-20D	FAY-GWNEW-MW-20D-1	12/06/2017	PFO3OA	548
MW-20D	FAY-GWNEW-MW-20D-1	12/06/2017	PFO4DA	<200
MW-20D	FAY-GWNEW-MW-20D-1	12/06/2017	PFO5DA	<200
MW-20D	FAY-GWNEW-MW-20D-2	12/06/2017	PFECA-A	<200
MW-20D	FAY-GWNEW-MW-20D-2	12/06/2017	PFECA-F	<200
MW-20D	FAY-GWNEW-MW-20D-2	12/06/2017	PFECA-G	<200
MW-20D	FAY-GWNEW-MW-20D-2	12/06/2017	PFESA_BP1	<200
MW-20D	FAY-GWNEW-MW-20D-2	12/06/2017	PFESA_BP2	<200
MW-20D	FAY-GWNEW-MW-20D-2	12/06/2017	PFMOAA	6,690
MW-20D	FAY-GWNEW-MW-20D-2	12/06/2017	PFO2HxA	2,715
MW-20D	FAY-GWNEW-MW-20D-2	12/06/2017	PFO3OA	557
MW-20D	FAY-GWNEW-MW-20D-2	12/06/2017	PFO4DA	<200
MW-20D	FAY-GWNEW-MW-20D-2	12/06/2017	PFO5DA	<200
MW-21D	FAY-GWNEW-MW-21D-1	12/06/2017	PFECA-A	<200
MW-21D	FAY-GWNEW-MW-21D-1	12/06/2017	PFECA-F	<200
MW-21D	FAY-GWNEW-MW-21D-1	12/06/2017	PFECA-G	<200
MW-21D	FAY-GWNEW-MW-21D-1	12/06/2017	PFESA_BP1	<200
MW-21D	FAY-GWNEW-MW-21D-1	12/06/2017	PFESA_BP2	<200
MW-21D	FAY-GWNEW-MW-21D-1	12/06/2017	PFMOAA	<200
MW-21D	FAY-GWNEW-MW-21D-1	12/06/2017	PFO2HxA	268
MW-21D	FAY-GWNEW-MW-21D-1	12/06/2017	PFO3OA	<200
MW-21D	FAY-GWNEW-MW-21D-1	12/06/2017	PFO4DA	<200
MW-21D	FAY-GWNEW-MW-21D-1	12/06/2017	PFO5DA	<200
MW-21D	FAY-GWNEW-MW-21D-2	12/06/2017	PFECA-A	<200
MW-21D	FAY-GWNEW-MW-21D-2	12/06/2017	PFECA-F	<200
MW-21D	FAY-GWNEW-MW-21D-2	12/06/2017	PFECA-G	<200
MW-21D	FAY-GWNEW-MW-21D-2	12/06/2017	PFESA_BP1	<200
MW-21D	FAY-GWNEW-MW-21D-2	12/06/2017	PFESA_BP2	<200
MW-21D	FAY-GWNEW-MW-21D-2	12/06/2017	PFMOAA	<200
MW-21D	FAY-GWNEW-MW-21D-2	12/06/2017	PFO2HxA	233
MW-21D	FAY-GWNEW-MW-21D-2	12/06/2017	PFO3OA	<200
MW-21D	FAY-GWNEW-MW-21D-2	12/06/2017	PFO4DA	<200
MW-21D	FAY-GWNEW-MW-21D-2	12/06/2017	PFO5DA	<200
MW-22D	FAY-GWNEW-MW-22D-1	12/08/2017	PFECA-A	<200
MW-22D	FAY-GWNEW-MW-22D-1	12/08/2017	PFECA-F	<200
MW-22D	FAY-GWNEW-MW-22D-1	12/08/2017	PFECA-G	<200
MW-22D	FAY-GWNEW-MW-22D-1	12/08/2017	PFESA_BP1	<200
MW-22D	FAY-GWNEW-MW-22D-1	12/08/2017	PFESA_BP2	<200
MW-22D	FAY-GWNEW-MW-22D-1	12/08/2017	PFMOAA	343

January 2018

TABLE 5b
Surficial Aquifer PFAS - List 2 Concentrations
 Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Date	Parameter Name	Result (ng/L)
MW-22D	FAY-GWNEW-MW-22D-1	12/08/2017	PFO2HxA	490
MW-22D	FAY-GWNEW-MW-22D-1	12/08/2017	PFO3OA	<200
MW-22D	FAY-GWNEW-MW-22D-1	12/08/2017	PFO4DA	<200
MW-22D	FAY-GWNEW-MW-22D-1	12/08/2017	PFO5DA	<200
MW-22D	FAY-GWNEW-MW-22D-2	12/08/2017	PFECA-A	<200
MW-22D	FAY-GWNEW-MW-22D-2	12/08/2017	PFECA-F	<200
MW-22D	FAY-GWNEW-MW-22D-2	12/08/2017	PFECA-G	<200
MW-22D	FAY-GWNEW-MW-22D-2	12/08/2017	PFESA_BP1	296
MW-22D	FAY-GWNEW-MW-22D-2	12/08/2017	PFESA_BP2	<200
MW-22D	FAY-GWNEW-MW-22D-2	12/08/2017	PFMOAA	267
MW-22D	FAY-GWNEW-MW-22D-2	12/08/2017	PFO2HxA	445
MW-22D	FAY-GWNEW-MW-22D-2	12/08/2017	PFO3OA	<200
MW-22D	FAY-GWNEW-MW-22D-2	12/08/2017	PFO4DA	<200
MW-22D	FAY-GWNEW-MW-22D-2	12/08/2017	PFO5DA	<200
NAF-08B	FAY-GWASI-NAF-08B-1	11/16/2017	PFECA-A	<200
NAF-08B	FAY-GWASI-NAF-08B-1	11/16/2017	PFECA-F	<200
NAF-08B	FAY-GWASI-NAF-08B-1	11/16/2017	PFECA-G	<200
NAF-08B	FAY-GWASI-NAF-08B-1	11/16/2017	PFESA_BP1	<200
NAF-08B	FAY-GWASI-NAF-08B-1	11/16/2017	PFESA_BP2	<200
NAF-08B	FAY-GWASI-NAF-08B-1	11/16/2017	PFMOAA	24,422
NAF-08B	FAY-GWASI-NAF-08B-1	11/16/2017	PFO2HxA	8,498
NAF-08B	FAY-GWASI-NAF-08B-1	11/16/2017	PFO3OA	938
NAF-08B	FAY-GWASI-NAF-08B-1	11/16/2017	PFO4DA	<200
NAF-08B	FAY-GWASI-NAF-08B-1	11/16/2017	PFO5DA	<200
SMW-01	FAY-GWASI-SMW-01-1	11/21/2017	PFECA-A	<200
SMW-01	FAY-GWASI-SMW-01-1	11/21/2017	PFECA-F	<200
SMW-01	FAY-GWASI-SMW-01-1	11/21/2017	PFECA-G	<200
SMW-01	FAY-GWASI-SMW-01-1	11/21/2017	PFESA_BP1	<200
SMW-01	FAY-GWASI-SMW-01-1	11/21/2017	PFESA_BP2	<200
SMW-01	FAY-GWASI-SMW-01-1	11/21/2017	PFMOAA	288
SMW-01	FAY-GWASI-SMW-01-1	11/21/2017	PFO2HxA	1,246
SMW-01	FAY-GWASI-SMW-01-1	11/21/2017	PFO3OA	298
SMW-01	FAY-GWASI-SMW-01-1	11/21/2017	PFO4DA	<200
SMW-01	FAY-GWASI-SMW-01-1	11/21/2017	PFO5DA	<200
SMW-01	FAY-GWASI-SMW-01-2	11/21/2017	PFECA-A	<200
SMW-01	FAY-GWASI-SMW-01-2	11/21/2017	PFECA-F	<200
SMW-01	FAY-GWASI-SMW-01-2	11/21/2017	PFECA-G	<200
SMW-01	FAY-GWASI-SMW-01-2	11/21/2017	PFESA_BP1	<200
SMW-01	FAY-GWASI-SMW-01-2	11/21/2017	PFESA_BP2	<200
SMW-01	FAY-GWASI-SMW-01-2	11/21/2017	PFMOAA	274
SMW-01	FAY-GWASI-SMW-01-2	11/21/2017	PFO2HxA	1,202
SMW-01	FAY-GWASI-SMW-01-2	11/21/2017	PFO3OA	326

January 2018

TABLE 5b
Surficial Aquifer PFAS - List 2 Concentrations
 Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Date	Parameter Name	Result (ng/L)
SMW-01	FAY-GWASI-SMW-01-2	11/21/2017	PFO4DA	<200
SMW-01	FAY-GWASI-SMW-01-2	11/21/2017	PFO5DA	<200
SMW-01	FAY-GWASI-SMW-01-D-1	11/21/2017	PFECA-A	<200
SMW-01	FAY-GWASI-SMW-01-D-1	11/21/2017	PFECA-F	<200
SMW-01	FAY-GWASI-SMW-01-D-1	11/21/2017	PFECA-G	<200
SMW-01	FAY-GWASI-SMW-01-D-1	11/21/2017	PFESA_BP1	<200
SMW-01	FAY-GWASI-SMW-01-D-1	11/21/2017	PFESA_BP2	<200
SMW-01	FAY-GWASI-SMW-01-D-1	11/21/2017	PFMOAA	263
SMW-01	FAY-GWASI-SMW-01-D-1	11/21/2017	PFO2HxA	1,271
SMW-01	FAY-GWASI-SMW-01-D-1	11/21/2017	PFO3OA	378
SMW-01	FAY-GWASI-SMW-01-D-1	11/21/2017	PFO4DA	<200
SMW-01	FAY-GWASI-SMW-01-D-1	11/21/2017	PFO5DA	<200
SMW-01	FAY-GWASI-SMW-01-D-2	11/21/2017	PFECA-A	<200
SMW-01	FAY-GWASI-SMW-01-D-2	11/21/2017	PFECA-F	<200
SMW-01	FAY-GWASI-SMW-01-D-2	11/21/2017	PFECA-G	<200
SMW-01	FAY-GWASI-SMW-01-D-2	11/21/2017	PFESA_BP1	<200
SMW-01	FAY-GWASI-SMW-01-D-2	11/21/2017	PFESA_BP2	<200
SMW-01	FAY-GWASI-SMW-01-D-2	11/21/2017	PFMOAA	376
SMW-01	FAY-GWASI-SMW-01-D-2	11/21/2017	PFO2HxA	1,227
SMW-01	FAY-GWASI-SMW-01-D-2	11/21/2017	PFO3OA	392
SMW-01	FAY-GWASI-SMW-01-D-2	11/21/2017	PFO4DA	<200
SMW-01	FAY-GWASI-SMW-01-D-2	11/21/2017	PFO5DA	<200
SMW-03B	FAY-GWASI-SMW-03B-1	11/20/2017	PFECA-A	<200
SMW-03B	FAY-GWASI-SMW-03B-1	11/20/2017	PFECA-F	<200
SMW-03B	FAY-GWASI-SMW-03B-1	11/20/2017	PFECA-G	<200
SMW-03B	FAY-GWASI-SMW-03B-1	11/20/2017	PFESA_BP1	<200
SMW-03B	FAY-GWASI-SMW-03B-1	11/20/2017	PFESA_BP2	<200
SMW-03B	FAY-GWASI-SMW-03B-1	11/20/2017	PFMOAA	286,045
SMW-03B	FAY-GWASI-SMW-03B-1	11/20/2017	PFO2HxA	93,605
SMW-03B	FAY-GWASI-SMW-03B-1	11/20/2017	PFO3OA	14,469
SMW-03B	FAY-GWASI-SMW-03B-1	11/20/2017	PFO4DA	872
SMW-03B	FAY-GWASI-SMW-03B-1	11/20/2017	PFO5DA	<200
SMW-03B	FAY-GWASI-SMW-03B-2	11/20/2017	PFECA-A	<200
SMW-03B	FAY-GWASI-SMW-03B-2	11/20/2017	PFECA-F	<200
SMW-03B	FAY-GWASI-SMW-03B-2	11/20/2017	PFECA-G	<200
SMW-03B	FAY-GWASI-SMW-03B-2	11/20/2017	PFESA_BP1	<200
SMW-03B	FAY-GWASI-SMW-03B-2	11/20/2017	PFESA_BP2	<200
SMW-03B	FAY-GWASI-SMW-03B-2	11/20/2017	PFMOAA	285,790
SMW-03B	FAY-GWASI-SMW-03B-2	11/20/2017	PFO2HxA	103,740
SMW-03B	FAY-GWASI-SMW-03B-2	11/20/2017	PFO3OA	14,213
SMW-03B	FAY-GWASI-SMW-03B-2	11/20/2017	PFO4DA	890
SMW-03B	FAY-GWASI-SMW-03B-2	11/20/2017	PFO5DA	<200

January 2018

TABLE 5b
Surficial Aquifer PFAS - List 2 Concentrations
 Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Date	Parameter Name	Result (ng/L)
SMW-04B	FAY-GWASI-SMW-04B-1	11/20/2017	PFECA-A	<200
SMW-04B	FAY-GWASI-SMW-04B-1	11/20/2017	PFECA-F	<200
SMW-04B	FAY-GWASI-SMW-04B-1	11/20/2017	PFECA-G	<200
SMW-04B	FAY-GWASI-SMW-04B-1	11/20/2017	PFESA_BP1	<200
SMW-04B	FAY-GWASI-SMW-04B-1	11/20/2017	PFESA_BP2	<200
SMW-04B	FAY-GWASI-SMW-04B-1	11/20/2017	PFMOAA	21,440
SMW-04B	FAY-GWASI-SMW-04B-1	11/20/2017	PFO2HxA	6,080
SMW-04B	FAY-GWASI-SMW-04B-1	11/20/2017	PFO3OA	1,372
SMW-04B	FAY-GWASI-SMW-04B-1	11/20/2017	PFO4DA	341
SMW-04B	FAY-GWASI-SMW-04B-1	11/20/2017	PFO5DA	<200
SMW-04B	FAY-GWASI-SMW-04B-2	11/20/2017	PFECA-A	<200
SMW-04B	FAY-GWASI-SMW-04B-2	11/20/2017	PFECA-F	<200
SMW-04B	FAY-GWASI-SMW-04B-2	11/20/2017	PFECA-G	<200
SMW-04B	FAY-GWASI-SMW-04B-2	11/20/2017	PFESA_BP1	342
SMW-04B	FAY-GWASI-SMW-04B-2	11/20/2017	PFESA_BP2	<200
SMW-04B	FAY-GWASI-SMW-04B-2	11/20/2017	PFMOAA	22,410
SMW-04B	FAY-GWASI-SMW-04B-2	11/20/2017	PFO2HxA	6,052
SMW-04B	FAY-GWASI-SMW-04B-2	11/20/2017	PFO3OA	1,406
SMW-04B	FAY-GWASI-SMW-04B-2	11/20/2017	PFO4DA	293
SMW-04B	FAY-GWASI-SMW-04B-2	11/20/2017	PFO5DA	<200
SMW-05P	FAY-GWASI-SMW-05P-1	11/15/2017	PFECA-A	<200
SMW-05P	FAY-GWASI-SMW-05P-1	11/15/2017	PFECA-F	<200
SMW-05P	FAY-GWASI-SMW-05P-1	11/15/2017	PFECA-G	<200
SMW-05P	FAY-GWASI-SMW-05P-1	11/15/2017	PFESA_BP1	275
SMW-05P	FAY-GWASI-SMW-05P-1	11/15/2017	PFESA_BP2	<200
SMW-05P	FAY-GWASI-SMW-05P-1	11/15/2017	PFMOAA	67,468
SMW-05P	FAY-GWASI-SMW-05P-1	11/15/2017	PFO2HxA	17,878
SMW-05P	FAY-GWASI-SMW-05P-1	11/15/2017	PFO3OA	5,220
SMW-05P	FAY-GWASI-SMW-05P-1	11/15/2017	PFO4DA	2,174
SMW-05P	FAY-GWASI-SMW-05P-1	11/15/2017	PFO5DA	375
SMW-05P	FAY-GWASI-SMW-05P-2	11/15/2017	PFECA-A	<200
SMW-05P	FAY-GWASI-SMW-05P-2	11/15/2017	PFECA-F	<200
SMW-05P	FAY-GWASI-SMW-05P-2	11/15/2017	PFECA-G	<200
SMW-05P	FAY-GWASI-SMW-05P-2	11/15/2017	PFESA_BP1	<200
SMW-05P	FAY-GWASI-SMW-05P-2	11/15/2017	PFESA_BP2	<200
SMW-05P	FAY-GWASI-SMW-05P-2	11/15/2017	PFMOAA	67,372
SMW-05P	FAY-GWASI-SMW-05P-2	11/15/2017	PFO2HxA	17,772
SMW-05P	FAY-GWASI-SMW-05P-2	11/15/2017	PFO3OA	5,065
SMW-05P	FAY-GWASI-SMW-05P-2	11/15/2017	PFO4DA	1,817
SMW-05P	FAY-GWASI-SMW-05P-2	11/15/2017	PFO5DA	353
SMW-06B	FAY-GWASI-SMW-06B-1	11/21/2017	PFECA-A	<200
SMW-06B	FAY-GWASI-SMW-06B-1	11/21/2017	PFECA-F	<200

January 2018

TABLE 5b
Surficial Aquifer PFAS - List 2 Concentrations
 Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Date	Parameter Name	Result (ng/L)
SMW-06B	FAY-GWASI-SMW-06B-1	11/21/2017	PFECA-G	<200
SMW-06B	FAY-GWASI-SMW-06B-1	11/21/2017	PFESA_BP1	2,990
SMW-06B	FAY-GWASI-SMW-06B-1	11/21/2017	PFESA_BP2	1,922
SMW-06B	FAY-GWASI-SMW-06B-1	11/21/2017	PFMOAA	1,330,715
SMW-06B	FAY-GWASI-SMW-06B-1	11/21/2017	PFO2HxA	340,070
SMW-06B	FAY-GWASI-SMW-06B-1	11/21/2017	PFO3OA	67,385
SMW-06B	FAY-GWASI-SMW-06B-1	11/21/2017	PFO4DA	9,500
SMW-06B	FAY-GWASI-SMW-06B-1	11/21/2017	PFO5DA	522
SMW-06B	FAY-GWASI-SMW-06B-2	11/21/2017	PFECA-A	<200
SMW-06B	FAY-GWASI-SMW-06B-2	11/21/2017	PFECA-F	274
SMW-06B	FAY-GWASI-SMW-06B-2	11/21/2017	PFECA-G	<200
SMW-06B	FAY-GWASI-SMW-06B-2	11/21/2017	PFESA_BP1	3,880
SMW-06B	FAY-GWASI-SMW-06B-2	11/21/2017	PFESA_BP2	1,989
SMW-06B	FAY-GWASI-SMW-06B-2	11/21/2017	PFMOAA	1,357,825
SMW-06B	FAY-GWASI-SMW-06B-2	11/21/2017	PFO2HxA	345,835
SMW-06B	FAY-GWASI-SMW-06B-2	11/21/2017	PFO3OA	64,100
SMW-06B	FAY-GWASI-SMW-06B-2	11/21/2017	PFO4DA	9,309
SMW-06B	FAY-GWASI-SMW-06B-2	11/21/2017	PFO5DA	523
SMW-08B	FAY-GWASI-SMW-08B-1	11/21/2017	PFECA-A	<200
SMW-08B	FAY-GWASI-SMW-08B-1	11/21/2017	PFECA-F	<200
SMW-08B	FAY-GWASI-SMW-08B-1	11/21/2017	PFECA-G	<200
SMW-08B	FAY-GWASI-SMW-08B-1	11/21/2017	PFESA_BP1	1,509
SMW-08B	FAY-GWASI-SMW-08B-1	11/21/2017	PFESA_BP2	298
SMW-08B	FAY-GWASI-SMW-08B-1	11/21/2017	PFMOAA	394,635
SMW-08B	FAY-GWASI-SMW-08B-1	11/21/2017	PFO2HxA	111,610
SMW-08B	FAY-GWASI-SMW-08B-1	11/21/2017	PFO3OA	22,903
SMW-08B	FAY-GWASI-SMW-08B-1	11/21/2017	PFO4DA	5,427
SMW-08B	FAY-GWASI-SMW-08B-1	11/21/2017	PFO5DA	807
SMW-08B	FAY-GWASI-SMW-08B-2	11/21/2017	PFECA-A	<200
SMW-08B	FAY-GWASI-SMW-08B-2	11/21/2017	PFECA-F	<200
SMW-08B	FAY-GWASI-SMW-08B-2	11/21/2017	PFECA-G	<200
SMW-08B	FAY-GWASI-SMW-08B-2	11/21/2017	PFESA_BP1	1,451
SMW-08B	FAY-GWASI-SMW-08B-2	11/21/2017	PFESA_BP2	341
SMW-08B	FAY-GWASI-SMW-08B-2	11/21/2017	PFMOAA	367,955
SMW-08B	FAY-GWASI-SMW-08B-2	11/21/2017	PFO2HxA	98,395
SMW-08B	FAY-GWASI-SMW-08B-2	11/21/2017	PFO3OA	23,085
SMW-08B	FAY-GWASI-SMW-08B-2	11/21/2017	PFO4DA	5,305
SMW-08B	FAY-GWASI-SMW-08B-2	11/21/2017	PFO5DA	915
SMW-09	FAY-GWASI-SMW-09-1	11/15/2017	PFECA-A	<200
SMW-09	FAY-GWASI-SMW-09-1	11/15/2017	PFECA-F	<200
SMW-09	FAY-GWASI-SMW-09-1	11/15/2017	PFECA-G	<200
SMW-09	FAY-GWASI-SMW-09-1	11/15/2017	PFESA_BP1	8,936

January 2018

TABLE 5b
Surficial Aquifer PFAS - List 2 Concentrations
 Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Date	Parameter Name	Result (ng/L)
SMW-09	FAY-GWASI-SMW-09-1	11/15/2017	PFESA_BP2	280
SMW-09	FAY-GWASI-SMW-09-1	11/15/2017	PFMOAA	3,095
SMW-09	FAY-GWASI-SMW-09-1	11/15/2017	PFO2HxA	4,078
SMW-09	FAY-GWASI-SMW-09-1	11/15/2017	PFO3OA	1,342
SMW-09	FAY-GWASI-SMW-09-1	11/15/2017	PFO4DA	847
SMW-09	FAY-GWASI-SMW-09-1	11/15/2017	PFO5DA	<200
SMW-09	FAY-GWASI-SMW-09-2	11/15/2017	PFECA-A	<200
SMW-09	FAY-GWASI-SMW-09-2	11/15/2017	PFECA-F	<200
SMW-09	FAY-GWASI-SMW-09-2	11/15/2017	PFECA-G	<200
SMW-09	FAY-GWASI-SMW-09-2	11/15/2017	PFESA_BP1	9,015
SMW-09	FAY-GWASI-SMW-09-2	11/15/2017	PFESA_BP2	227
SMW-09	FAY-GWASI-SMW-09-2	11/15/2017	PFMOAA	2,817
SMW-09	FAY-GWASI-SMW-09-2	11/15/2017	PFO2HxA	4,118
SMW-09	FAY-GWASI-SMW-09-2	11/15/2017	PFO3OA	1,181
SMW-09	FAY-GWASI-SMW-09-2	11/15/2017	PFO4DA	897
SMW-09	FAY-GWASI-SMW-09-2	11/15/2017	PFO5DA	<200
SMW-10	FAY-GWASI-SMW-10-1	11/15/2017	PFECA-A	<200
SMW-10	FAY-GWASI-SMW-10-1	11/15/2017	PFECA-F	<200
SMW-10	FAY-GWASI-SMW-10-1	11/15/2017	PFECA-G	<200
SMW-10	FAY-GWASI-SMW-10-1	11/15/2017	PFESA_BP1	<200
SMW-10	FAY-GWASI-SMW-10-1	11/15/2017	PFESA_BP2	<200
SMW-10	FAY-GWASI-SMW-10-1	11/15/2017	PFMOAA	<200
SMW-10	FAY-GWASI-SMW-10-1	11/15/2017	PFO2HxA	<200
SMW-10	FAY-GWASI-SMW-10-1	11/15/2017	PFO3OA	<200
SMW-10	FAY-GWASI-SMW-10-1	11/15/2017	PFO4DA	<200
SMW-10	FAY-GWASI-SMW-10-1	11/15/2017	PFO5DA	<200
SMW-10	FAY-GWASI-SMW-10-2	11/15/2017	PFECA-A	<200
SMW-10	FAY-GWASI-SMW-10-2	11/15/2017	PFECA-F	<200
SMW-10	FAY-GWASI-SMW-10-2	11/15/2017	PFECA-G	<200
SMW-10	FAY-GWASI-SMW-10-2	11/15/2017	PFESA_BP1	<200
SMW-10	FAY-GWASI-SMW-10-2	11/15/2017	PFESA_BP2	<200
SMW-10	FAY-GWASI-SMW-10-2	11/15/2017	PFMOAA	<200
SMW-10	FAY-GWASI-SMW-10-2	11/15/2017	PFO2HxA	<200
SMW-10	FAY-GWASI-SMW-10-2	11/15/2017	PFO3OA	<200
SMW-10	FAY-GWASI-SMW-10-2	11/15/2017	PFO4DA	<200
SMW-10	FAY-GWASI-SMW-10-2	11/15/2017	PFO5DA	<200
SMW-11	FAY-GWASI-SMW-11-1	11/15/2017	PFECA-A	<200
SMW-11	FAY-GWASI-SMW-11-1	11/15/2017	PFECA-F	<200
SMW-11	FAY-GWASI-SMW-11-1	11/15/2017	PFECA-G	<200
SMW-11	FAY-GWASI-SMW-11-1	11/15/2017	PFESA_BP1	<200
SMW-11	FAY-GWASI-SMW-11-1	11/15/2017	PFESA_BP2	<200
SMW-11	FAY-GWASI-SMW-11-1	11/15/2017	PFMOAA	2,289

January 2018

TABLE 5b
Surficial Aquifer PFAS - List 2 Concentrations

Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Date	Parameter Name	Result (ng/L)
SMW-11	FAY-GWASI-SMW-11-1	11/15/2017	PFO2HxA	3,482
SMW-11	FAY-GWASI-SMW-11-1	11/15/2017	PFO3OA	668
SMW-11	FAY-GWASI-SMW-11-1	11/15/2017	PFO4DA	305
SMW-11	FAY-GWASI-SMW-11-1	11/15/2017	PFO5DA	<200
SMW-11	FAY-GWASI-SMW-11-2	11/15/2017	PFECA-A	<200
SMW-11	FAY-GWASI-SMW-11-2	11/15/2017	PFECA-F	<200
SMW-11	FAY-GWASI-SMW-11-2	11/15/2017	PFECA-G	<200
SMW-11	FAY-GWASI-SMW-11-2	11/15/2017	PFESA_BP1	<200
SMW-11	FAY-GWASI-SMW-11-2	11/15/2017	PFESA_BP2	<200
SMW-11	FAY-GWASI-SMW-11-2	11/15/2017	PFMOAA	3,277
SMW-11	FAY-GWASI-SMW-11-2	11/15/2017	PFO2HxA	3,951
SMW-11	FAY-GWASI-SMW-11-2	11/15/2017	PFO3OA	818
SMW-11	FAY-GWASI-SMW-11-2	11/15/2017	PFO4DA	299
SMW-11	FAY-GWASI-SMW-11-2	11/15/2017	PFO5DA	<200
SMW-12	FAY-GWASI-SMW-12-1	11/14/2017	PFECA-A	<200
SMW-12	FAY-GWASI-SMW-12-1	11/14/2017	PFECA-F	<200
SMW-12	FAY-GWASI-SMW-12-1	11/14/2017	PFECA-G	<200
SMW-12	FAY-GWASI-SMW-12-1	11/14/2017	PFESA_BP1	<200
SMW-12	FAY-GWASI-SMW-12-1	11/14/2017	PFESA_BP2	<200
SMW-12	FAY-GWASI-SMW-12-1	11/14/2017	PFMOAA	1,991
SMW-12	FAY-GWASI-SMW-12-1	11/14/2017	PFO2HxA	1,342
SMW-12	FAY-GWASI-SMW-12-1	11/14/2017	PFO3OA	<200
SMW-12	FAY-GWASI-SMW-12-1	11/14/2017	PFO4DA	<200
SMW-12	FAY-GWASI-SMW-12-1	11/14/2017	PFO5DA	<200
SMW-12	FAY-GWASI-SMW-12-2	11/14/2017	PFECA-A	<200
SMW-12	FAY-GWASI-SMW-12-2	11/14/2017	PFECA-F	<200
SMW-12	FAY-GWASI-SMW-12-2	11/14/2017	PFECA-G	<200
SMW-12	FAY-GWASI-SMW-12-2	11/14/2017	PFESA_BP1	<200
SMW-12	FAY-GWASI-SMW-12-2	11/14/2017	PFESA_BP2	<200
SMW-12	FAY-GWASI-SMW-12-2	11/14/2017	PFMOAA	2,014
SMW-12	FAY-GWASI-SMW-12-2	11/14/2017	PFO2HxA	1,132
SMW-12	FAY-GWASI-SMW-12-2	11/14/2017	PFO3OA	<200
SMW-12	FAY-GWASI-SMW-12-2	11/14/2017	PFO4DA	<200
SMW-12	FAY-GWASI-SMW-12-2	11/14/2017	PFO5DA	<200

Notes:

- ng/L = nanograms per liter
- < = less than indicated reporting limit
- D = duplicate sample
- 1 & -2 = replicate samples analyzed
- detections are highlighted

January 2018

TABLE 6a
Black Creek Aquifer PFAS - List 1 Concentrations

Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Date	Parameter Name	Result (ng/L)
BCA-01	FAY-GWNEW-BCA-01	12/07/2017	HFPO Dimer Acid	9900 J
BCA-01	FAY-GWNEW-BCA-01	12/07/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
BCA-01	FAY-GWNEW-BCA-01	12/07/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
BCA-01	FAY-GWNEW-BCA-01	12/07/2017	Perfluorobutane Sulfonic Acid	<2.0
BCA-01	FAY-GWNEW-BCA-01	12/07/2017	Perfluorodecanoic Acid	<2.0
BCA-01	FAY-GWNEW-BCA-01	12/07/2017	Perfluorododecanoic Acid	<2.0
BCA-01	FAY-GWNEW-BCA-01	12/07/2017	Perfluoroheptanoic Acid	4.6
BCA-01	FAY-GWNEW-BCA-01	12/07/2017	Perfluorohexane Sulfonic Acid	<2.0
BCA-01	FAY-GWNEW-BCA-01	12/07/2017	Perfluorohexanoic Acid	7.4
BCA-01	FAY-GWNEW-BCA-01	12/07/2017	Perfluorononanoic Acid	<2.0
BCA-01	FAY-GWNEW-BCA-01	12/07/2017	Perfluoropentanoic Acid	350
BCA-01	FAY-GWNEW-BCA-01	12/07/2017	Perfluorotetradecanoic Acid	<2.0
BCA-01	FAY-GWNEW-BCA-01	12/07/2017	Perfluorotridecanoic Acid	<2.0
BCA-01	FAY-GWNEW-BCA-01	12/07/2017	Perfluoroundecanoic Acid	<2.0
BCA-01	FAY-GWNEW-BCA-01	12/07/2017	PFOA	<2.0
BCA-01	FAY-GWNEW-BCA-01	12/07/2017	PFOS	<2.0
BCA-02	FAY-GWNEW-BCA-02	12/11/2017	HFPO Dimer Acid	9900
BCA-02	FAY-GWNEW-BCA-02	12/11/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
BCA-02	FAY-GWNEW-BCA-02	12/11/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
BCA-02	FAY-GWNEW-BCA-02	12/11/2017	Perfluorobutane Sulfonic Acid	4
BCA-02	FAY-GWNEW-BCA-02	12/11/2017	Perfluorodecanoic Acid	<2.0
BCA-02	FAY-GWNEW-BCA-02	12/11/2017	Perfluorododecanoic Acid	<2.0
BCA-02	FAY-GWNEW-BCA-02	12/11/2017	Perfluoroheptanoic Acid	39
BCA-02	FAY-GWNEW-BCA-02	12/11/2017	Perfluorohexane Sulfonic Acid	5.3
BCA-02	FAY-GWNEW-BCA-02	12/11/2017	Perfluorohexanoic Acid	24
BCA-02	FAY-GWNEW-BCA-02	12/11/2017	Perfluorononanoic Acid	10
BCA-02	FAY-GWNEW-BCA-02	12/11/2017	Perfluoropentanoic Acid	150
BCA-02	FAY-GWNEW-BCA-02	12/11/2017	Perfluorotetradecanoic Acid	<2.0
BCA-02	FAY-GWNEW-BCA-02	12/11/2017	Perfluorotridecanoic Acid	<2.0
BCA-02	FAY-GWNEW-BCA-02	12/11/2017	Perfluoroundecanoic Acid	<2.0
BCA-02	FAY-GWNEW-BCA-02	12/11/2017	PFOA	25
BCA-02	FAY-GWNEW-BCA-02	12/11/2017	PFOS	3.7
BCA-03	FAY-GWNEW-BCA-03	12/11/2017	HFPO Dimer Acid	9700
BCA-03	FAY-GWNEW-BCA-03	12/11/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
BCA-03	FAY-GWNEW-BCA-03	12/11/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
BCA-03	FAY-GWNEW-BCA-03	12/11/2017	Perfluorobutane Sulfonic Acid	2
BCA-03	FAY-GWNEW-BCA-03	12/11/2017	Perfluorodecanoic Acid	<2.0
BCA-03	FAY-GWNEW-BCA-03	12/11/2017	Perfluorododecanoic Acid	<2.0
BCA-03	FAY-GWNEW-BCA-03	12/11/2017	Perfluoroheptanoic Acid	71
BCA-03	FAY-GWNEW-BCA-03	12/11/2017	Perfluorohexane Sulfonic Acid	2.4
BCA-03	FAY-GWNEW-BCA-03	12/11/2017	Perfluorohexanoic Acid	27
BCA-03	FAY-GWNEW-BCA-03	12/11/2017	Perfluorononanoic Acid	<2.0
BCA-03	FAY-GWNEW-BCA-03	12/11/2017	Perfluoropentanoic Acid	410
BCA-03	FAY-GWNEW-BCA-03	12/11/2017	Perfluorotetradecanoic Acid	<2.0
BCA-03	FAY-GWNEW-BCA-03	12/11/2017	Perfluorotridecanoic Acid	<2.0
BCA-03	FAY-GWNEW-BCA-03	12/11/2017	Perfluoroundecanoic Acid	<2.0
BCA-03	FAY-GWNEW-BCA-03	12/11/2017	PFOA	11
BCA-03	FAY-GWNEW-BCA-03	12/11/2017	PFOS	<2.0
BCA-04	FAY-GWNEW-BCA-04	12/07/2017	HFPO Dimer Acid	<130
BCA-04	FAY-GWNEW-BCA-04	12/07/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
BCA-04	FAY-GWNEW-BCA-04	12/07/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
BCA-04	FAY-GWNEW-BCA-04	12/07/2017	Perfluorobutane Sulfonic Acid	<2.0
BCA-04	FAY-GWNEW-BCA-04	12/07/2017	Perfluorodecanoic Acid	<2.0

January 2018

TABLE 6a
Black Creek Aquifer PFAS - List 1 Concentrations

Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Date	Parameter Name	Result (ng/L)
BCA-04	FAY-GWNEW-BCA-04	12/07/2017	Perfluorododecanoic Acid	<2.0
BCA-04	FAY-GWNEW-BCA-04	12/07/2017	Perfluoroheptanoic Acid	<2.0
BCA-04	FAY-GWNEW-BCA-04	12/07/2017	Perfluorohexane Sulfonic Acid	<2.0
BCA-04	FAY-GWNEW-BCA-04	12/07/2017	Perfluorohexanoic Acid	<2.0
BCA-04	FAY-GWNEW-BCA-04	12/07/2017	Perfluorononanoic Acid	<2.0
BCA-04	FAY-GWNEW-BCA-04	12/07/2017	Perfluoropentanoic Acid	<2.0
BCA-04	FAY-GWNEW-BCA-04	12/07/2017	Perfluorotetradecanoic Acid	<2.0
BCA-04	FAY-GWNEW-BCA-04	12/07/2017	Perfluorotridecanoic Acid	<2.0
BCA-04	FAY-GWNEW-BCA-04	12/07/2017	Perfluoroundecanoic Acid	<2.0
BCA-04	FAY-GWNEW-BCA-04	12/07/2017	PFOA	<2.0
BCA-04	FAY-GWNEW-BCA-04	12/07/2017	PFOS	<2.0

Notes: ng/L = nanograms per liter

J = estimated value

< = less than indicated reporting limit

 detections are highlighted

TABLE 6b
Black Creek Aquifer PFAS - List 2 Concentrations

Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Date	Parameter Name	Result (ng/L)
BCA-01	FAY-GWNEW-BCA-01-1	12/07/2017	PFECA-A	<200
BCA-01	FAY-GWNEW-BCA-01-1	12/07/2017	PFECA-F	<200
BCA-01	FAY-GWNEW-BCA-01-1	12/07/2017	PFECA-G	<200
BCA-01	FAY-GWNEW-BCA-01-1	12/07/2017	PFESA_BP1	<200
BCA-01	FAY-GWNEW-BCA-01-1	12/07/2017	PFESA_BP2	<200
BCA-01	FAY-GWNEW-BCA-01-1	12/07/2017	PFMOAA	57,690
BCA-01	FAY-GWNEW-BCA-01-1	12/07/2017	PFO2HxA	17,953
BCA-01	FAY-GWNEW-BCA-01-1	12/07/2017	PFO3OA	2,151
BCA-01	FAY-GWNEW-BCA-01-1	12/07/2017	PFO4DA	<200
BCA-01	FAY-GWNEW-BCA-01-1	12/07/2017	PFO5DA	<200
BCA-01	FAY-GWNEW-BCA-01-2	12/07/2017	PFECA-A	<200
BCA-01	FAY-GWNEW-BCA-01-2	12/07/2017	PFECA-F	<200
BCA-01	FAY-GWNEW-BCA-01-2	12/07/2017	PFECA-G	<200
BCA-01	FAY-GWNEW-BCA-01-2	12/07/2017	PFESA_BP1	<200
BCA-01	FAY-GWNEW-BCA-01-2	12/07/2017	PFESA_BP2	<200
BCA-01	FAY-GWNEW-BCA-01-2	12/07/2017	PFMOAA	57,926
BCA-01	FAY-GWNEW-BCA-01-2	12/07/2017	PFO2HxA	18,410
BCA-01	FAY-GWNEW-BCA-01-2	12/07/2017	PFO3OA	2,076
BCA-01	FAY-GWNEW-BCA-01-2	12/07/2017	PFO4DA	<200
BCA-01	FAY-GWNEW-BCA-01-2	12/07/2017	PFO5DA	<200
BCA-02	FAY-GWNEW-BCA-02-1	12/11/2017	PFECA-A	<200
BCA-02	FAY-GWNEW-BCA-02-1	12/11/2017	PFECA-F	<200
BCA-02	FAY-GWNEW-BCA-02-1	12/11/2017	PFECA-G	<200
BCA-02	FAY-GWNEW-BCA-02-1	12/11/2017	PFESA_BP1	<200
BCA-02	FAY-GWNEW-BCA-02-1	12/11/2017	PFESA_BP2	341
BCA-02	FAY-GWNEW-BCA-02-1	12/11/2017	PFMOAA	116,720
BCA-02	FAY-GWNEW-BCA-02-1	12/11/2017	PFO2HxA	33,345
BCA-02	FAY-GWNEW-BCA-02-1	12/11/2017	PFO3OA	9,156
BCA-02	FAY-GWNEW-BCA-02-1	12/11/2017	PFO4DA	3,116
BCA-02	FAY-GWNEW-BCA-02-1	12/11/2017	PFO5DA	794
BCA-02	FAY-GWNEW-BCA-02-2	12/11/2017	PFECA-A	<200
BCA-02	FAY-GWNEW-BCA-02-2	12/11/2017	PFECA-F	<200
BCA-02	FAY-GWNEW-BCA-02-2	12/11/2017	PFECA-G	<200
BCA-02	FAY-GWNEW-BCA-02-2	12/11/2017	PFESA_BP1	<200
BCA-02	FAY-GWNEW-BCA-02-2	12/11/2017	PFESA_BP2	399
BCA-02	FAY-GWNEW-BCA-02-2	12/11/2017	PFMOAA	116,184
BCA-02	FAY-GWNEW-BCA-02-2	12/11/2017	PFO2HxA	33,288
BCA-02	FAY-GWNEW-BCA-02-2	12/11/2017	PFO3OA	9,919
BCA-02	FAY-GWNEW-BCA-02-2	12/11/2017	PFO4DA	3,322
BCA-02	FAY-GWNEW-BCA-02-2	12/11/2017	PFO5DA	736
BCA-03	FAY-GWNEW-BCA-03-1	12/11/2017	PFECA-A	<200
BCA-03	FAY-GWNEW-BCA-03-1	12/11/2017	PFECA-F	<200
BCA-03	FAY-GWNEW-BCA-03-1	12/11/2017	PFECA-G	<200
BCA-03	FAY-GWNEW-BCA-03-1	12/11/2017	PFESA_BP1	<200

January 2018

TABLE 6b
Black Creek Aquifer PFAS - List 2 Concentrations

Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Date	Parameter Name	Result (ng/L)
BCA-03	FAY-GWNEW-BCA-03-1	12/11/2017	PFESA_BP2	<200
BCA-03	FAY-GWNEW-BCA-03-1	12/11/2017	PFMOAA	217,775
BCA-03	FAY-GWNEW-BCA-03-1	12/11/2017	PFO2HxA	77,665
BCA-03	FAY-GWNEW-BCA-03-1	12/11/2017	PFO3OA	17,715
BCA-03	FAY-GWNEW-BCA-03-1	12/11/2017	PFO4DA	2,934
BCA-03	FAY-GWNEW-BCA-03-1	12/11/2017	PFO5DA	<200
BCA-03	FAY-GWNEW-BCA-03-2	12/11/2017	PFECA-A	<200
BCA-03	FAY-GWNEW-BCA-03-2	12/11/2017	PFECA-F	<200
BCA-03	FAY-GWNEW-BCA-03-2	12/11/2017	PFECA-G	<200
BCA-03	FAY-GWNEW-BCA-03-2	12/11/2017	PFESA_BP1	<200
BCA-03	FAY-GWNEW-BCA-03-2	12/11/2017	PFESA_BP2	217
BCA-03	FAY-GWNEW-BCA-03-2	12/11/2017	PFMOAA	193,420
BCA-03	FAY-GWNEW-BCA-03-2	12/11/2017	PFO2HxA	73,870
BCA-03	FAY-GWNEW-BCA-03-2	12/11/2017	PFO3OA	17,104
BCA-03	FAY-GWNEW-BCA-03-2	12/11/2017	PFO4DA	2,816
BCA-03	FAY-GWNEW-BCA-03-2	12/11/2017	PFO5DA	<200
BCA-04	FAY-GWNEW-BCA-04-1	12/07/2017	PFECA-A	<200
BCA-04	FAY-GWNEW-BCA-04-1	12/07/2017	PFECA-F	<200
BCA-04	FAY-GWNEW-BCA-04-1	12/07/2017	PFECA-G	<200
BCA-04	FAY-GWNEW-BCA-04-1	12/07/2017	PFESA_BP1	<200
BCA-04	FAY-GWNEW-BCA-04-1	12/07/2017	PFESA_BP2	<200
BCA-04	FAY-GWNEW-BCA-04-1	12/07/2017	PFMOAA	<200
BCA-04	FAY-GWNEW-BCA-04-1	12/07/2017	PFO2HxA	<200
BCA-04	FAY-GWNEW-BCA-04-1	12/07/2017	PFO3OA	<200
BCA-04	FAY-GWNEW-BCA-04-1	12/07/2017	PFO4DA	<200
BCA-04	FAY-GWNEW-BCA-04-1	12/07/2017	PFO5DA	<200
BCA-04	FAY-GWNEW-BCA-04-2	12/07/2017	PFECA-A	<200
BCA-04	FAY-GWNEW-BCA-04-2	12/07/2017	PFECA-F	<200
BCA-04	FAY-GWNEW-BCA-04-2	12/07/2017	PFECA-G	<200
BCA-04	FAY-GWNEW-BCA-04-2	12/07/2017	PFESA_BP1	<200
BCA-04	FAY-GWNEW-BCA-04-2	12/07/2017	PFESA_BP2	<200
BCA-04	FAY-GWNEW-BCA-04-2	12/07/2017	PFMOAA	<200
BCA-04	FAY-GWNEW-BCA-04-2	12/07/2017	PFO2HxA	<200
BCA-04	FAY-GWNEW-BCA-04-2	12/07/2017	PFO3OA	<200
BCA-04	FAY-GWNEW-BCA-04-2	12/07/2017	PFO4DA	<200
BCA-04	FAY-GWNEW-BCA-04-2	12/07/2017	PFO5DA	<200

Notes: ng/L = nanograms per liter
 < = less than indicated reporting limit
 -D = duplicate sample
 -1 & -2 = replicate samples analyzed
 detections are highlighted

January 2018

PARSONS

Page 2 of 2

Permit No. NCD047368642-R1

TABLE 7a
State Wells PFAS - List 1 Concentrations
 Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Date	Parameter Name	Result (ng/L)	Screened Hydrogeologic Unit
DMS-42V1	FAY-GWNEW-DMS-42V1	11/27/2017	HFPO Dimer Acid	<10	Black Creek Aquifer (shallow)
DMS-42V1	FAY-GWNEW-DMS-42V1	11/27/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20	Black Creek Aquifer (shallow)
DMS-42V1	FAY-GWNEW-DMS-42V1	11/27/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20	Black Creek Aquifer (shallow)
DMS-42V1	FAY-GWNEW-DMS-42V1	11/27/2017	Perfluorobutane Sulfonic Acid	<2.0	Black Creek Aquifer (shallow)
DMS-42V1	FAY-GWNEW-DMS-42V1	11/27/2017	Perfluorodecanoic Acid	<2.0	Black Creek Aquifer (shallow)
DMS-42V1	FAY-GWNEW-DMS-42V1	11/27/2017	Perfluorododecanoic Acid	<2.0	Black Creek Aquifer (shallow)
DMS-42V1	FAY-GWNEW-DMS-42V1	11/27/2017	Perfluoroheptanoic Acid	<2.0	Black Creek Aquifer (shallow)
DMS-42V1	FAY-GWNEW-DMS-42V1	11/27/2017	Perfluorohexane Sulfonic Acid	<2.0	Black Creek Aquifer (shallow)
DMS-42V1	FAY-GWNEW-DMS-42V1	11/27/2017	Perfluorohexanoic Acid	<2.0	Black Creek Aquifer (shallow)
DMS-42V1	FAY-GWNEW-DMS-42V1	11/27/2017	Perfluorononanoic Acid	<2.0	Black Creek Aquifer (shallow)
DMS-42V1	FAY-GWNEW-DMS-42V1	11/27/2017	Perfluoropentanoic Acid	<2.0	Black Creek Aquifer (shallow)
DMS-42V1	FAY-GWNEW-DMS-42V1	11/27/2017	Perfluorotetradecanoic Acid	<2.0	Black Creek Aquifer (shallow)
DMS-42V1	FAY-GWNEW-DMS-42V1	11/27/2017	Perfluorotridecanoic Acid	<2.0	Black Creek Aquifer (shallow)
DMS-42V1	FAY-GWNEW-DMS-42V1	11/27/2017	Perfluoroundecanoic Acid	<2.0	Black Creek Aquifer (shallow)
DMS-42V1	FAY-GWNEW-DMS-42V1	11/27/2017	PFOA	<2.0	Black Creek Aquifer (shallow)
DMS-42V1	FAY-GWNEW-DMS-42V1	11/27/2017	PFOS	<2.0	Black Creek Aquifer (shallow)
DMS-42V2	FAY-GWNEW-DMS-42V2	11/27/2017	HFPO Dimer Acid	970	Surficial Aquifer (shallow)
DMS-42V2	FAY-GWNEW-DMS-42V2	11/27/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20	Surficial Aquifer (shallow)
DMS-42V2	FAY-GWNEW-DMS-42V2	11/27/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20	Surficial Aquifer (shallow)
DMS-42V2	FAY-GWNEW-DMS-42V2	11/27/2017	Perfluorobutane Sulfonic Acid	<2.0	Surficial Aquifer (shallow)
DMS-42V2	FAY-GWNEW-DMS-42V2	11/27/2017	Perfluorodecanoic Acid	<2.0	Surficial Aquifer (shallow)
DMS-42V2	FAY-GWNEW-DMS-42V2	11/27/2017	Perfluorododecanoic Acid	<2.0	Surficial Aquifer (shallow)
DMS-42V2	FAY-GWNEW-DMS-42V2	11/27/2017	Perfluoroheptanoic Acid	5.9	Surficial Aquifer (shallow)
DMS-42V2	FAY-GWNEW-DMS-42V2	11/27/2017	Perfluorohexane Sulfonic Acid	<2.0	Surficial Aquifer (shallow)
DMS-42V2	FAY-GWNEW-DMS-42V2	11/27/2017	Perfluorohexanoic Acid	8.8	Surficial Aquifer (shallow)
DMS-42V2	FAY-GWNEW-DMS-42V2	11/27/2017	Perfluorononanoic Acid	<2.0	Surficial Aquifer (shallow)
DMS-42V2	FAY-GWNEW-DMS-42V2	11/27/2017	Perfluoropentanoic Acid	22	Surficial Aquifer (shallow)
DMS-42V2	FAY-GWNEW-DMS-42V2	11/27/2017	Perfluorotetradecanoic Acid	<2.0	Surficial Aquifer (shallow)
DMS-42V2	FAY-GWNEW-DMS-42V2	11/27/2017	Perfluorotridecanoic Acid	<2.0	Surficial Aquifer (shallow)
DMS-42V2	FAY-GWNEW-DMS-42V2	11/27/2017	Perfluoroundecanoic Acid	<2.0	Surficial Aquifer (shallow)
DMS-42V2	FAY-GWNEW-DMS-42V2	11/27/2017	PFOA	6.3	Surficial Aquifer (shallow)
DMS-42V2	FAY-GWNEW-DMS-42V2	11/27/2017	PFOS	<2.0	Surficial Aquifer (shallow)
DMS-42V3	FAY-GWNEW-DMS-42V3	11/27/2017	HFPO Dimer Acid	<10	Black Creek Aquifer (deep)
DMS-42V3	FAY-GWNEW-DMS-42V3	11/27/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20	Black Creek Aquifer (deep)
DMS-42V3	FAY-GWNEW-DMS-42V3	11/27/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20	Black Creek Aquifer (deep)

January 2018

Permit No. NCD047368642-R1

TABLE 7a
State Wells PFAS - List 1 Concentrations
 Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Date	Parameter Name	Result (ng/L)	Screened Hydrogeologic Unit
DMS-42V3	FAY-GWNEW-DMS-42V3	11/27/2017	Perfluorobutane Sulfonic Acid	<2.0	Black Creek Aquifer (deep)
DMS-42V3	FAY-GWNEW-DMS-42V3	11/27/2017	Perfluorodecanoic Acid	<2.0	Black Creek Aquifer (deep)
DMS-42V3	FAY-GWNEW-DMS-42V3	11/27/2017	Perfluorododecanoic Acid	<2.0	Black Creek Aquifer (deep)
DMS-42V3	FAY-GWNEW-DMS-42V3	11/27/2017	Perfluoroheptanoic Acid	<2.0	Black Creek Aquifer (deep)
DMS-42V3	FAY-GWNEW-DMS-42V3	11/27/2017	Perfluorohexane Sulfonic Acid	<2.0	Black Creek Aquifer (deep)
DMS-42V3	FAY-GWNEW-DMS-42V3	11/27/2017	Perfluorohexanoic Acid	<2.0	Black Creek Aquifer (deep)
DMS-42V3	FAY-GWNEW-DMS-42V3	11/27/2017	Perfluorononanoic Acid	<2.0	Black Creek Aquifer (deep)
DMS-42V3	FAY-GWNEW-DMS-42V3	11/27/2017	Perfluoropentanoic Acid	<2.0	Black Creek Aquifer (deep)
DMS-42V3	FAY-GWNEW-DMS-42V3	11/27/2017	Perfluorotetradecanoic Acid	<2.0	Black Creek Aquifer (deep)
DMS-42V3	FAY-GWNEW-DMS-42V3	11/27/2017	Perfluorotridecanoic Acid	<2.0	Black Creek Aquifer (deep)
DMS-42V3	FAY-GWNEW-DMS-42V3	11/27/2017	Perfluoroundecanoic Acid	<2.0	Black Creek Aquifer (deep)
DMS-42V3	FAY-GWNEW-DMS-42V3	11/27/2017	PFOA	2.3	Black Creek Aquifer (deep)
DMS-42V3	FAY-GWNEW-DMS-42V3	11/27/2017	PFOS	<2.0	Black Creek Aquifer (deep)
DMS-42V4	FAY-GWNEW-DMS-42V4	11/29/2017	HFPO Dimer Acid	<10	Upper Cape Fear Confining Unit
DMS-42V4	FAY-GWNEW-DMS-42V4	11/29/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20	Upper Cape Fear Confining Unit
DMS-42V4	FAY-GWNEW-DMS-42V4	11/29/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20	Upper Cape Fear Confining Unit
DMS-42V4	FAY-GWNEW-DMS-42V4	11/29/2017	Perfluorobutane Sulfonic Acid	<2.0	Upper Cape Fear Confining Unit
DMS-42V4	FAY-GWNEW-DMS-42V4	11/29/2017	Perfluorodecanoic Acid	<2.0	Upper Cape Fear Confining Unit
DMS-42V4	FAY-GWNEW-DMS-42V4	11/29/2017	Perfluorododecanoic Acid	<2.0	Upper Cape Fear Confining Unit
DMS-42V4	FAY-GWNEW-DMS-42V4	11/29/2017	Perfluoroheptanoic Acid	<2.0	Upper Cape Fear Confining Unit
DMS-42V4	FAY-GWNEW-DMS-42V4	11/29/2017	Perfluorohexane Sulfonic Acid	<2.0	Upper Cape Fear Confining Unit
DMS-42V4	FAY-GWNEW-DMS-42V4	11/29/2017	Perfluorohexanoic Acid	<2.0	Upper Cape Fear Confining Unit
DMS-42V4	FAY-GWNEW-DMS-42V4	11/29/2017	Perfluorononanoic Acid	<2.0	Upper Cape Fear Confining Unit
DMS-42V4	FAY-GWNEW-DMS-42V4	11/29/2017	Perfluoropentanoic Acid	<2.0	Upper Cape Fear Confining Unit
DMS-42V4	FAY-GWNEW-DMS-42V4	11/29/2017	Perfluorotetradecanoic Acid	<2.0	Upper Cape Fear Confining Unit
DMS-42V4	FAY-GWNEW-DMS-42V4	11/29/2017	Perfluorotridecanoic Acid	<2.0	Upper Cape Fear Confining Unit
DMS-42V4	FAY-GWNEW-DMS-42V4	11/29/2017	Perfluoroundecanoic Acid	<2.0	Upper Cape Fear Confining Unit
DMS-42V4	FAY-GWNEW-DMS-42V4	11/29/2017	PFOA	12	Upper Cape Fear Confining Unit
DMS-42V4	FAY-GWNEW-DMS-42V4	11/29/2017	PFOS	<2.0	Upper Cape Fear Confining Unit
DMS-42V5	FAY-GWNEW-DMS-42V5	11/28/2017	HFPO Dimer Acid	<10	Upper Cape Fear Aquifer
DMS-42V5	FAY-GWNEW-DMS-42V5	11/28/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20	Upper Cape Fear Aquifer
DMS-42V5	FAY-GWNEW-DMS-42V5	11/28/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20	Upper Cape Fear Aquifer
DMS-42V5	FAY-GWNEW-DMS-42V5	11/28/2017	Perfluorobutane Sulfonic Acid	<2.0	Upper Cape Fear Aquifer
DMS-42V5	FAY-GWNEW-DMS-42V5	11/28/2017	Perfluorodecanoic Acid	<2.0	Upper Cape Fear Aquifer
DMS-42V5	FAY-GWNEW-DMS-42V5	11/28/2017	Perfluorododecanoic Acid	<2.0	Upper Cape Fear Aquifer

January 2018

Permit No. NCD047368642-R1

TABLE 7a
State Wells PFAS - List 1 Concentrations
 Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Date	Parameter Name	Result (ng/L)	Screened Hydrogeologic Unit
DMS-42V5	FAY-GWNEW-DMS-42V5	11/28/2017	Perfluoroheptanoic Acid	<2.0	Upper Cape Fear Aquifer
DMS-42V5	FAY-GWNEW-DMS-42V5	11/28/2017	Perfluorohexane Sulfonic Acid	<2.0	Upper Cape Fear Aquifer
DMS-42V5	FAY-GWNEW-DMS-42V5	11/28/2017	Perfluorohexanoic Acid	<2.0	Upper Cape Fear Aquifer
DMS-42V5	FAY-GWNEW-DMS-42V5	11/28/2017	Perfluorononanoic Acid	<2.0	Upper Cape Fear Aquifer
DMS-42V5	FAY-GWNEW-DMS-42V5	11/28/2017	Perfluoropentanoic Acid	<2.0	Upper Cape Fear Aquifer
DMS-42V5	FAY-GWNEW-DMS-42V5	11/28/2017	Perfluorotetradecanoic Acid	<2.0	Upper Cape Fear Aquifer
DMS-42V5	FAY-GWNEW-DMS-42V5	11/28/2017	Perfluorotridecanoic Acid	<2.0	Upper Cape Fear Aquifer
DMS-42V5	FAY-GWNEW-DMS-42V5	11/28/2017	Perfluoroundecanoic Acid	<2.0	Upper Cape Fear Aquifer
DMS-42V5	FAY-GWNEW-DMS-42V5	11/28/2017	PFOA	29	Upper Cape Fear Aquifer
DMS-42V5	FAY-GWNEW-DMS-42V5	11/28/2017	PFOS	<2.0	Upper Cape Fear Aquifer
DMS-42V6	FAY-GWNEW-DMS-42V6	11/27/2017	HFPO Dimer Acid	<10	Surficial Aquifer (deep)
DMS-42V6	FAY-GWNEW-DMS-42V6	11/27/2017	N-ethyl perfluoroctane sulfonamidoacetic acid	<20	Surficial Aquifer (deep)
DMS-42V6	FAY-GWNEW-DMS-42V6	11/27/2017	N-methyl perfluoroctane sulfonamidoacetic acid	<20	Surficial Aquifer (deep)
DMS-42V6	FAY-GWNEW-DMS-42V6	11/27/2017	Perfluorobutane Sulfonic Acid	<2.0	Surficial Aquifer (deep)
DMS-42V6	FAY-GWNEW-DMS-42V6	11/27/2017	Perfluorodecanoic Acid	<2.0	Surficial Aquifer (deep)
DMS-42V6	FAY-GWNEW-DMS-42V6	11/27/2017	Perfluorododecanoic Acid	<2.0	Surficial Aquifer (deep)
DMS-42V6	FAY-GWNEW-DMS-42V6	11/27/2017	Perfluoroheptanoic Acid	<2.0	Surficial Aquifer (deep)
DMS-42V6	FAY-GWNEW-DMS-42V6	11/27/2017	Perfluorohexane Sulfonic Acid	<2.0	Surficial Aquifer (deep)
DMS-42V6	FAY-GWNEW-DMS-42V6	11/27/2017	Perfluorohexanoic Acid	<2.0	Surficial Aquifer (deep)
DMS-42V6	FAY-GWNEW-DMS-42V6	11/27/2017	Perfluorononanoic Acid	<2.0	Surficial Aquifer (deep)
DMS-42V6	FAY-GWNEW-DMS-42V6	11/27/2017	Perfluoropentanoic Acid	<2.0	Surficial Aquifer (deep)
DMS-42V6	FAY-GWNEW-DMS-42V6	11/27/2017	Perfluorotetradecanoic Acid	<2.0	Surficial Aquifer (deep)
DMS-42V6	FAY-GWNEW-DMS-42V6	11/27/2017	Perfluorotridecanoic Acid	<2.0	Surficial Aquifer (deep)
DMS-42V6	FAY-GWNEW-DMS-42V6	11/27/2017	Perfluoroundecanoic Acid	<2.0	Surficial Aquifer (deep)
DMS-42V6	FAY-GWNEW-DMS-42V6	11/27/2017	PFOA	<2.0	Surficial Aquifer (deep)
DMS-42V6	FAY-GWNEW-DMS-42V6	11/27/2017	PFOS	<2.0	Surficial Aquifer (deep)

Notes: ng/L = nanograms per liter

J = estimated value

< = less than indicated reporting limit

detections are highlighted

January 2018

Permit No. NCD047368642-R1

TABLE 7b
State Wells PFAS - List 2 Concentrations
 Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Date	Parameter Name	Result (ng/L)	Aquifer
DMS-42V1	FAY-GWNEW-DMS-42V1-1	11/27/2017	PFECA-G	<200	Black Creek Aquifer (shallow)
DMS-42V1	FAY-GWNEW-DMS-42V1-1	11/27/2017	PFECA-F	<200	Black Creek Aquifer (shallow)
DMS-42V1	FAY-GWNEW-DMS-42V1-1	11/27/2017	PFO2HxA	<200	Black Creek Aquifer (shallow)
DMS-42V1	FAY-GWNEW-DMS-42V1-1	11/27/2017	PFO3OA	<200	Black Creek Aquifer (shallow)
DMS-42V1	FAY-GWNEW-DMS-42V1-1	11/27/2017	PFO4DA	<200	Black Creek Aquifer (shallow)
DMS-42V1	FAY-GWNEW-DMS-42V1-1	11/27/2017	PFO5DA	<200	Black Creek Aquifer (shallow)
DMS-42V1	FAY-GWNEW-DMS-42V1-1	11/27/2017	PFESA_BP1	<200	Black Creek Aquifer (shallow)
DMS-42V1	FAY-GWNEW-DMS-42V1-1	11/27/2017	PFMOAA	<200	Black Creek Aquifer (shallow)
DMS-42V1	FAY-GWNEW-DMS-42V1-1	11/27/2017	PFESA_BP2	<200	Black Creek Aquifer (shallow)
DMS-42V1	FAY-GWNEW-DMS-42V1-1	11/27/2017	PFECA-A	<200	Black Creek Aquifer (shallow)
DMS-42V2	FAY-GWNEW-DMS-42V2-1	11/27/2017	PFECA-G	<200	Surficial Aquifer (shallow)
DMS-42V2	FAY-GWNEW-DMS-42V2-1	11/27/2017	PFECA-F	<200	Surficial Aquifer (shallow)
DMS-42V2	FAY-GWNEW-DMS-42V2-1	11/27/2017	PFO3OA	<200	Surficial Aquifer (shallow)
DMS-42V2	FAY-GWNEW-DMS-42V2-1	11/27/2017	PFO4DA	<200	Surficial Aquifer (shallow)
DMS-42V2	FAY-GWNEW-DMS-42V2-1	11/27/2017	PFO5DA	<200	Surficial Aquifer (shallow)
DMS-42V2	FAY-GWNEW-DMS-42V2-1	11/27/2017	PFESA_BP1	<200	Surficial Aquifer (shallow)
DMS-42V2	FAY-GWNEW-DMS-42V2-1	11/27/2017	PFESA_BP2	<200	Surficial Aquifer (shallow)
DMS-42V2	FAY-GWNEW-DMS-42V2-1	11/27/2017	PFECA-A	<200	Surficial Aquifer (shallow)
DMS-42V2	FAY-GWNEW-DMS-42V2-1	11/27/2017	PFO2HxA	850	Surficial Aquifer (shallow)
DMS-42V2	FAY-GWNEW-DMS-42V2-1	11/27/2017	PFMOAA	312	Surficial Aquifer (shallow)
DMS-42V3	FAY-GWNEW-DMS-42V3-1	11/27/2017	PFECA-G	<200	Black Creek Aquifer (deep)
DMS-42V3	FAY-GWNEW-DMS-42V3-1	11/27/2017	PFECA-F	<200	Black Creek Aquifer (deep)
DMS-42V3	FAY-GWNEW-DMS-42V3-1	11/27/2017	PFO2HxA	<200	Black Creek Aquifer (deep)
DMS-42V3	FAY-GWNEW-DMS-42V3-1	11/27/2017	PFO3OA	<200	Black Creek Aquifer (deep)
DMS-42V3	FAY-GWNEW-DMS-42V3-1	11/27/2017	PFO4DA	<200	Black Creek Aquifer (deep)
DMS-42V3	FAY-GWNEW-DMS-42V3-1	11/27/2017	PFO5DA	<200	Black Creek Aquifer (deep)
DMS-42V3	FAY-GWNEW-DMS-42V3-1	11/27/2017	PFESA_BP1	<200	Black Creek Aquifer (deep)
DMS-42V3	FAY-GWNEW-DMS-42V3-1	11/27/2017	PFMOAA	<200	Black Creek Aquifer (deep)
DMS-42V3	FAY-GWNEW-DMS-42V3-1	11/27/2017	PFESA_BP2	<200	Black Creek Aquifer (deep)

January 2018

PARSONS

Page 1 of 3

Permit No. NCD047368642-R1

ED_002096A_00016432-00113

TABLE 7b
State Wells PFAS - List 2 Concentrations
 Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Date	Parameter Name	Result (ng/L)	Aquifer
DMS-42V3	FAY-GWNEW-DMS-42V3-1	11/27/2017	PFECA-A	<200	Black Creek Aquifer (deep)
DMS-42V4	FAY-GWNEW-DMS-42V4-1	11/29/2017	PFECA-G	<200	Upper Cape Fear Confining Unit
DMS-42V4	FAY-GWNEW-DMS-42V4-1	11/29/2017	PFECA-F	<200	Upper Cape Fear Confining Unit
DMS-42V4	FAY-GWNEW-DMS-42V4-1	11/29/2017	PFO2HxA	<200	Upper Cape Fear Confining Unit
DMS-42V4	FAY-GWNEW-DMS-42V4-1	11/29/2017	PFO3OA	<200	Upper Cape Fear Confining Unit
DMS-42V4	FAY-GWNEW-DMS-42V4-1	11/29/2017	PFO4DA	<200	Upper Cape Fear Confining Unit
DMS-42V4	FAY-GWNEW-DMS-42V4-1	11/29/2017	PFO5DA	<200	Upper Cape Fear Confining Unit
DMS-42V4	FAY-GWNEW-DMS-42V4-1	11/29/2017	PFESA_BP1	<200	Upper Cape Fear Confining Unit
DMS-42V4	FAY-GWNEW-DMS-42V4-1	11/29/2017	PFMOAA	<200	Upper Cape Fear Confining Unit
DMS-42V4	FAY-GWNEW-DMS-42V4-1	11/29/2017	PFESA_BP2	<200	Upper Cape Fear Confining Unit
DMS-42V4	FAY-GWNEW-DMS-42V4-1	11/29/2017	PFECA-A	<200	Upper Cape Fear Confining Unit
DMS-42V5	FAY-GWNEW-DMS-42V5-1	11/28/2017	PFECA-G	<200	Upper Cape Fear Aquifer
DMS-42V5	FAY-GWNEW-DMS-42V5-1	11/28/2017	PFECA-F	<200	Upper Cape Fear Aquifer
DMS-42V5	FAY-GWNEW-DMS-42V5-1	11/28/2017	PFO2HxA	<200	Upper Cape Fear Aquifer
DMS-42V5	FAY-GWNEW-DMS-42V5-1	11/28/2017	PFO3OA	<200	Upper Cape Fear Aquifer
DMS-42V5	FAY-GWNEW-DMS-42V5-1	11/28/2017	PFO4DA	<200	Upper Cape Fear Aquifer
DMS-42V5	FAY-GWNEW-DMS-42V5-1	11/28/2017	PFO5DA	<200	Upper Cape Fear Aquifer
DMS-42V5	FAY-GWNEW-DMS-42V5-1	11/28/2017	PFESA_BP1	<200	Upper Cape Fear Aquifer
DMS-42V5	FAY-GWNEW-DMS-42V5-1	11/28/2017	PFMOAA	<200	Upper Cape Fear Aquifer
DMS-42V5	FAY-GWNEW-DMS-42V5-1	11/28/2017	PFESA_BP2	<200	Upper Cape Fear Aquifer
DMS-42V5	FAY-GWNEW-DMS-42V5-1	11/28/2017	PFECA-A	<200	Upper Cape Fear Aquifer
DMS-42V6	FAY-GWNEW-DMS-42V6-1	11/27/2017	PFECA-G	<200	Surficial Aquifer (deep)
DMS-42V6	FAY-GWNEW-DMS-42V6-1	11/27/2017	PFECA-F	<200	Surficial Aquifer (deep)
DMS-42V6	FAY-GWNEW-DMS-42V6-1	11/27/2017	PFO2HxA	<200	Surficial Aquifer (deep)
DMS-42V6	FAY-GWNEW-DMS-42V6-1	11/27/2017	PFO3OA	<200	Surficial Aquifer (deep)
DMS-42V6	FAY-GWNEW-DMS-42V6-1	11/27/2017	PFO4DA	<200	Surficial Aquifer (deep)
DMS-42V6	FAY-GWNEW-DMS-42V6-1	11/27/2017	PFO5DA	<200	Surficial Aquifer (deep)
DMS-42V6	FAY-GWNEW-DMS-42V6-1	11/27/2017	PFESA_BP1	<200	Surficial Aquifer (deep)
DMS-42V6	FAY-GWNEW-DMS-42V6-1	11/27/2017	PFMOAA	<200	Surficial Aquifer (deep)

January 2018

PARSONS

Page 2 of 3

Permit No. NCD047368642-R1

ED_002096A_00016432-00114

TABLE 7b
State Wells PFAS - List 2 Concentrations
 Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Date	Parameter Name	Result (ng/L)	Aquifer
DMS-42V6	FAY-GWNEW-DMS-42V6-1	11/27/2017	PFESA_BP2	<200	Surficial Aquifer (deep)
DMS-42V6	FAY-GWNEW-DMS-42V6-1	11/27/2017	PFECA-A	<200	Surficial Aquifer (deep)

Notes: ng/L = nanograms per liter
 < = less than indicated reporting limit
 -D = duplicate sample
 -1 & -2 = replicate samples analyzed
 detections are highlighted

TABLE 8a
Soil Leachate PFAS - List 1 Concentrations
 Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Parameter Name	Result (ng/L)
SB-01	FAY-SSASI-SB-01(0-.5)	0.0 - 0.5	11/27/2017	HFPO Dimer Acid	26
SB-01	FAY-SSASI-SB-01(0-.5)	0.0 - 0.5	11/27/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
SB-01	FAY-SSASI-SB-01(0-.5)	0.0 - 0.5	11/27/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
SB-01	FAY-SSASI-SB-01(0-.5)	0.0 - 0.5	11/27/2017	Perfluorobutane Sulfonic Acid	<2.0
SB-01	FAY-SSASI-SB-01(0-.5)	0.0 - 0.5	11/27/2017	Perfluorodecanoic Acid	<2.0
SB-01	FAY-SSASI-SB-01(0-.5)	0.0 - 0.5	11/27/2017	Perfluorododecanoic Acid	<2.0
SB-01	FAY-SSASI-SB-01(0-.5)	0.0 - 0.5	11/27/2017	Perfluoroheptanoic Acid	<2.0
SB-01	FAY-SSASI-SB-01(0-.5)	0.0 - 0.5	11/27/2017	Perfluorohexane Sulfonic Acid	<2.0
SB-01	FAY-SSASI-SB-01(0-.5)	0.0 - 0.5	11/27/2017	Perfluorohexanoic Acid	<2.0
SB-01	FAY-SSASI-SB-01(0-.5)	0.0 - 0.5	11/27/2017	Perfluorononanoic Acid	<2.0
SB-01	FAY-SSASI-SB-01(0-.5)	0.0 - 0.5	11/27/2017	Perfluoropentanoic Acid	<2.0
SB-01	FAY-SSASI-SB-01(0-.5)	0.0 - 0.5	11/27/2017	Perfluorotetradecanoic Acid	<2.0
SB-01	FAY-SSASI-SB-01(0-.5)	0.0 - 0.5	11/27/2017	Perfluorotridecanoic Acid	<2.0
SB-01	FAY-SSASI-SB-01(0-.5)	0.0 - 0.5	11/27/2017	Perfluoroundecanoic Acid	<2.0
SB-01	FAY-SSASI-SB-01(0-.5)	0.0 - 0.5	11/27/2017	PFOA	<2.0
SB-01	FAY-SSASI-SB-01(0-.5)	0.0 - 0.5	11/27/2017	PFOS	2.1
SB-01	FAY-SSASI-Sb-01(4.5-5)	4.5 - 5.0	12/01/2017	HFPO Dimer Acid	14
SB-01	FAY-SSASI-Sb-01(4.5-5)	4.5 - 5.0	12/01/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
SB-01	FAY-SSASI-Sb-01(4.5-5)	4.5 - 5.0	12/01/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
SB-01	FAY-SSASI-Sb-01(4.5-5)	4.5 - 5.0	12/01/2017	Perfluorobutane Sulfonic Acid	<2.0
SB-01	FAY-SSASI-Sb-01(4.5-5)	4.5 - 5.0	12/01/2017	Perfluorodecanoic Acid	<2.0
SB-01	FAY-SSASI-Sb-01(4.5-5)	4.5 - 5.0	12/01/2017	Perfluorododecanoic Acid	<2.0
SB-01	FAY-SSASI-Sb-01(4.5-5)	4.5 - 5.0	12/01/2017	Perfluoroheptanoic Acid	<2.0
SB-01	FAY-SSASI-Sb-01(4.5-5)	4.5 - 5.0	12/01/2017	Perfluorohexane Sulfonic Acid	<2.0
SB-01	FAY-SSASI-Sb-01(4.5-5)	4.5 - 5.0	12/01/2017	Perfluorohexanoic Acid	<2.0
SB-01	FAY-SSASI-Sb-01(4.5-5)	4.5 - 5.0	12/01/2017	Perfluorononanoic Acid	<2.0
SB-01	FAY-SSASI-Sb-01(4.5-5)	4.5 - 5.0	12/01/2017	Perfluoropentanoic Acid	<2.0

TABLE 8a
Soil Leachate PFAS - List 1 Concentrations
 Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Parameter Name	Result (ng/L)
SB-01	FAY-SSASI-Sb-01(4.5-5)	4.5 - 5.0	12/01/2017	Perfluorotetradecanoic Acid	<2.0
SB-01	FAY-SSASI-Sb-01(4.5-5)	4.5 - 5.0	12/01/2017	Perfluorotridecanoic Acid	<2.0
SB-01	FAY-SSASI-Sb-01(4.5-5)	4.5 - 5.0	12/01/2017	Perfluoroundecanoic Acid	<2.0
SB-01	FAY-SSASI-Sb-01(4.5-5)	4.5 - 5.0	12/01/2017	PFOA	2.2
SB-01	FAY-SSASI-Sb-01(4.5-5)	4.5 - 5.0	12/01/2017	PFOS	<2.0
SB-01	FAY-SSASI-Sb-01(9.5-10)	9.5 - 10.0	12/01/2017	HFPO Dimer Acid	<10
SB-01	FAY-SSASI-Sb-01(9.5-10)	9.5 - 10.0	12/01/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
SB-01	FAY-SSASI-Sb-01(9.5-10)	9.5 - 10.0	12/01/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
SB-01	FAY-SSASI-Sb-01(9.5-10)	9.5 - 10.0	12/01/2017	Perfluorobutane Sulfonic Acid	<2.0
SB-01	FAY-SSASI-Sb-01(9.5-10)	9.5 - 10.0	12/01/2017	Perfluorodecanoic Acid	<2.0
SB-01	FAY-SSASI-Sb-01(9.5-10)	9.5 - 10.0	12/01/2017	Perfluorododecanoic Acid	<2.0
SB-01	FAY-SSASI-Sb-01(9.5-10)	9.5 - 10.0	12/01/2017	Perfluoroheptanoic Acid	<2.0
SB-01	FAY-SSASI-Sb-01(9.5-10)	9.5 - 10.0	12/01/2017	Perfluorohexane Sulfonic Acid	<2.0
SB-01	FAY-SSASI-Sb-01(9.5-10)	9.5 - 10.0	12/01/2017	Perfluorohexanoic Acid	<2.0
SB-01	FAY-SSASI-Sb-01(9.5-10)	9.5 - 10.0	12/01/2017	Perfluorononanoic Acid	<2.0
SB-01	FAY-SSASI-Sb-01(9.5-10)	9.5 - 10.0	12/01/2017	Perfluoropentanoic Acid	<2.0
SB-01	FAY-SSASI-Sb-01(9.5-10)	9.5 - 10.0	12/01/2017	Perfluorotetradecanoic Acid	<2.0
SB-01	FAY-SSASI-Sb-01(9.5-10)	9.5 - 10.0	12/01/2017	Perfluorotridecanoic Acid	<2.0
SB-01	FAY-SSASI-Sb-01(9.5-10)	9.5 - 10.0	12/01/2017	Perfluoroundecanoic Acid	<2.0
SB-01	FAY-SSASI-Sb-01(9.5-10)	9.5 - 10.0	12/01/2017	PFOA	<2.0
SB-01	FAY-SSASI-Sb-01(9.5-10)	9.5 - 10.0	12/01/2017	PFOS	<2.0
SB-02	FAY-SSASI-SB-02	0.0 - 0.5	11/27/2017	HFPO Dimer Acid	150
SB-02	FAY-SSASI-SB-02	0.0 - 0.5	11/27/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
SB-02	FAY-SSASI-SB-02	0.0 - 0.5	11/27/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
SB-02	FAY-SSASI-SB-02	0.0 - 0.5	11/27/2017	Perfluorobutane Sulfonic Acid	<2.0
SB-02	FAY-SSASI-SB-02	0.0 - 0.5	11/27/2017	Perfluorodecanoic Acid	<2.0
SB-02	FAY-SSASI-SB-02	0.0 - 0.5	11/27/2017	Perfluorododecanoic Acid	<2.0

TABLE 8a
Soil Leachate PFAS - List 1 Concentrations
 Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Parameter Name	Result (ng/L)
SB-02	FAY-SSASI-SB-02	0.0 - 0.5	11/27/2017	Perfluoroheptanoic Acid	2.6
SB-02	FAY-SSASI-SB-02	0.0 - 0.5	11/27/2017	Perfluorohexane Sulfonic Acid	<2.0
SB-02	FAY-SSASI-SB-02	0.0 - 0.5	11/27/2017	Perfluorohexanoic Acid	<2.0
SB-02	FAY-SSASI-SB-02	0.0 - 0.5	11/27/2017	Perfluorononanoic Acid	4.3
SB-02	FAY-SSASI-SB-02	0.0 - 0.5	11/27/2017	Perfluoropentanoic Acid	15
SB-02	FAY-SSASI-SB-02	0.0 - 0.5	11/27/2017	Perfluorotetradecanoic Acid	<2.0
SB-02	FAY-SSASI-SB-02	0.0 - 0.5	11/27/2017	Perfluorotridecanoic Acid	<2.0
SB-02	FAY-SSASI-SB-02	0.0 - 0.5	11/27/2017	Perfluoroundecanoic Acid	<2.0
SB-02	FAY-SSASI-SB-02	0.0 - 0.5	11/27/2017	PFOA	4.9
SB-02	FAY-SSASI-SB-02	0.0 - 0.5	11/27/2017	PFOS	36
SB-03	FAY-SSASI-SB-03	0.0 - 0.5	11/27/2017	HFPO Dimer Acid	150
SB-03	FAY-SSASI-SB-03	0.0 - 0.5	11/27/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
SB-03	FAY-SSASI-SB-03	0.0 - 0.5	11/27/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
SB-03	FAY-SSASI-SB-03	0.0 - 0.5	11/27/2017	Perfluorobutane Sulfonic Acid	<2.0
SB-03	FAY-SSASI-SB-03	0.0 - 0.5	11/27/2017	Perfluorodecanoic Acid	2.4
SB-03	FAY-SSASI-SB-03	0.0 - 0.5	11/27/2017	Perfluorododecanoic Acid	<2.0
SB-03	FAY-SSASI-SB-03	0.0 - 0.5	11/27/2017	Perfluoroheptanoic Acid	3.2
SB-03	FAY-SSASI-SB-03	0.0 - 0.5	11/27/2017	Perfluorohexane Sulfonic Acid	<2.0
SB-03	FAY-SSASI-SB-03	0.0 - 0.5	11/27/2017	Perfluorohexanoic Acid	<2.0
SB-03	FAY-SSASI-SB-03	0.0 - 0.5	11/27/2017	Perfluorononanoic Acid	5.6
SB-03	FAY-SSASI-SB-03	0.0 - 0.5	11/27/2017	Perfluoropentanoic Acid	16
SB-03	FAY-SSASI-SB-03	0.0 - 0.5	11/27/2017	Perfluorotetradecanoic Acid	<2.0
SB-03	FAY-SSASI-SB-03	0.0 - 0.5	11/27/2017	Perfluorotridecanoic Acid	<2.0
SB-03	FAY-SSASI-SB-03	0.0 - 0.5	11/27/2017	Perfluoroundecanoic Acid	<2.0
SB-03	FAY-SSASI-SB-03	0.0 - 0.5	11/27/2017	PFOA	13
SB-03	FAY-SSASI-SB-03	0.0 - 0.5	11/27/2017	PFOS	81
SB-04	FAY-SSASI-SB-04	0.0 - 0.5	11/27/2017	HFPO Dimer Acid	1700

January 2018

PARSONS

Page 3 of 24

Permit No. NCD047368642-R1

ED_002096A_00016432-00118

TABLE 8a
Soil Leachate PFAS - List 1 Concentrations
 Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Parameter Name	Result (ng/L)
SB-04	FAY-SSASI-SB-04	0.0 - 0.5	11/27/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
SB-04	FAY-SSASI-SB-04	0.0 - 0.5	11/27/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
SB-04	FAY-SSASI-SB-04	0.0 - 0.5	11/27/2017	Perfluorobutane Sulfonic Acid	<2.0
SB-04	FAY-SSASI-SB-04	0.0 - 0.5	11/27/2017	Perfluorodecanoic Acid	3.9
SB-04	FAY-SSASI-SB-04	0.0 - 0.5	11/27/2017	Perfluorododecanoic Acid	<2.0
SB-04	FAY-SSASI-SB-04	0.0 - 0.5	11/27/2017	Perfluoroheptanoic Acid	6.3
SB-04	FAY-SSASI-SB-04	0.0 - 0.5	11/27/2017	Perfluorohexane Sulfonic Acid	<2.0
SB-04	FAY-SSASI-SB-04	0.0 - 0.5	11/27/2017	Perfluorohexanoic Acid	<2.0
SB-04	FAY-SSASI-SB-04	0.0 - 0.5	11/27/2017	Perfluorononanoic Acid	24
SB-04	FAY-SSASI-SB-04	0.0 - 0.5	11/27/2017	Perfluoropentanoic Acid	12
SB-04	FAY-SSASI-SB-04	0.0 - 0.5	11/27/2017	Perfluorotetradecanoic Acid	<2.0
SB-04	FAY-SSASI-SB-04	0.0 - 0.5	11/27/2017	Perfluorotridecanoic Acid	<2.0
SB-04	FAY-SSASI-SB-04	0.0 - 0.5	11/27/2017	Perfluoroundecanoic Acid	4.9
SB-04	FAY-SSASI-SB-04	0.0 - 0.5	11/27/2017	PFOA	3.2
SB-04	FAY-SSASI-SB-04	0.0 - 0.5	11/27/2017	PFOS	<2.0
SB-05	FAY-SSASI-SB-05	0.0 - 0.5	11/27/2017	HFPO Dimer Acid	740
SB-05	FAY-SSASI-SB-05	0.0 - 0.5	11/27/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
SB-05	FAY-SSASI-SB-05	0.0 - 0.5	11/27/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
SB-05	FAY-SSASI-SB-05	0.0 - 0.5	11/27/2017	Perfluorobutane Sulfonic Acid	<2.0
SB-05	FAY-SSASI-SB-05	0.0 - 0.5	11/27/2017	Perfluorodecanoic Acid	<2.0
SB-05	FAY-SSASI-SB-05	0.0 - 0.5	11/27/2017	Perfluorododecanoic Acid	<2.0
SB-05	FAY-SSASI-SB-05	0.0 - 0.5	11/27/2017	Perfluoroheptanoic Acid	<2.0
SB-05	FAY-SSASI-SB-05	0.0 - 0.5	11/27/2017	Perfluorohexane Sulfonic Acid	<2.0
SB-05	FAY-SSASI-SB-05	0.0 - 0.5	11/27/2017	Perfluorohexanoic Acid	<2.0
SB-05	FAY-SSASI-SB-05	0.0 - 0.5	11/27/2017	Perfluorononanoic Acid	<2.0
SB-05	FAY-SSASI-SB-05	0.0 - 0.5	11/27/2017	Perfluoropentanoic Acid	9.3
SB-05	FAY-SSASI-SB-05	0.0 - 0.5	11/27/2017	Perfluorotetradecanoic Acid	<2.0

TABLE 8a
Soil Leachate PFAS - List 1 Concentrations
 Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Parameter Name	Result (ng/L)
SB-05	FAY-SSASI-SB-05	0.0 - 0.5	11/27/2017	Perfluorotridecanoic Acid	<2.0
SB-05	FAY-SSASI-SB-05	0.0 - 0.5	11/27/2017	Perfluoroundecanoic Acid	<2.0
SB-05	FAY-SSASI-SB-05	0.0 - 0.5	11/27/2017	PFOA	<2.0
SB-05	FAY-SSASI-SB-05	0.0 - 0.5	11/27/2017	PFOS	<2.0
SB-06	FAY-SSASI-SB-06	0.0 - 0.5	11/28/2017	HFPO Dimer Acid	11
SB-06	FAY-SSASI-SB-06	0.0 - 0.5	11/28/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
SB-06	FAY-SSASI-SB-06	0.0 - 0.5	11/28/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
SB-06	FAY-SSASI-SB-06	0.0 - 0.5	11/28/2017	Perfluorobutane Sulfonic Acid	<2.0
SB-06	FAY-SSASI-SB-06	0.0 - 0.5	11/28/2017	Perfluorodecanoic Acid	<2.0
SB-06	FAY-SSASI-SB-06	0.0 - 0.5	11/28/2017	Perfluorododecanoic Acid	<2.0
SB-06	FAY-SSASI-SB-06	0.0 - 0.5	11/28/2017	Perfluoroheptanoic Acid	<2.0
SB-06	FAY-SSASI-SB-06	0.0 - 0.5	11/28/2017	Perfluorohexane Sulfonic Acid	<2.0
SB-06	FAY-SSASI-SB-06	0.0 - 0.5	11/28/2017	Perfluorohexanoic Acid	<2.0
SB-06	FAY-SSASI-SB-06	0.0 - 0.5	11/28/2017	Perfluorononanoic Acid	<2.0
SB-06	FAY-SSASI-SB-06	0.0 - 0.5	11/28/2017	Perfluoropentanoic Acid	<2.0
SB-06	FAY-SSASI-SB-06	0.0 - 0.5	11/28/2017	Perfluorotetradecanoic Acid	<2.0
SB-06	FAY-SSASI-SB-06	0.0 - 0.5	11/28/2017	Perfluorotridecanoic Acid	<2.0
SB-06	FAY-SSASI-SB-06	0.0 - 0.5	11/28/2017	Perfluoroundecanoic Acid	<2.0
SB-06	FAY-SSASI-SB-06	0.0 - 0.5	11/28/2017	PFOA	2.5
SB-06	FAY-SSASI-SB-06	0.0 - 0.5	11/28/2017	PFOS	<2.0
SB-07	FAY-SSASI-SB-07	0.0 - 0.5	11/28/2017	HFPO Dimer Acid	15
SB-07	FAY-SSASI-SB-07	0.0 - 0.5	11/28/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
SB-07	FAY-SSASI-SB-07	0.0 - 0.5	11/28/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
SB-07	FAY-SSASI-SB-07	0.0 - 0.5	11/28/2017	Perfluorobutane Sulfonic Acid	<2.0
SB-07	FAY-SSASI-SB-07	0.0 - 0.5	11/28/2017	Perfluorodecanoic Acid	<2.0
SB-07	FAY-SSASI-SB-07	0.0 - 0.5	11/28/2017	Perfluorododecanoic Acid	<2.0
SB-07	FAY-SSASI-SB-07	0.0 - 0.5	11/28/2017	Perfluoroheptanoic Acid	<2.0

January 2018

PARSONS

Page 5 of 24

Permit No. NCD047368642-R1

TABLE 8a
Soil Leachate PFAS - List 1 Concentrations
 Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Parameter Name	Result (ng/L)
SB-07	FAY-SSASI-SB-07	0.0 - 0.5	11/28/2017	Perfluorohexane Sulfonic Acid	<2.0
SB-07	FAY-SSASI-SB-07	0.0 - 0.5	11/28/2017	Perfluorohexanoic Acid	<2.0
SB-07	FAY-SSASI-SB-07	0.0 - 0.5	11/28/2017	Perfluorononanoic Acid	2.5
SB-07	FAY-SSASI-SB-07	0.0 - 0.5	11/28/2017	Perfluoropentanoic Acid	<2.0
SB-07	FAY-SSASI-SB-07	0.0 - 0.5	11/28/2017	Perfluorotetradecanoic Acid	<2.0
SB-07	FAY-SSASI-SB-07	0.0 - 0.5	11/28/2017	Perfluorotridecanoic Acid	<2.0
SB-07	FAY-SSASI-SB-07	0.0 - 0.5	11/28/2017	Perfluoroundecanoic Acid	<2.0
SB-07	FAY-SSASI-SB-07	0.0 - 0.5	11/28/2017	PFOA	6.4
SB-07	FAY-SSASI-SB-07	0.0 - 0.5	11/28/2017	PFOS	6.0
SB-08	FAY-SSASI-SB-08	0.0 - 0.5	11/28/2017	HFPO Dimer Acid	95
SB-08	FAY-SSASI-SB-08	0.0 - 0.5	11/28/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
SB-08	FAY-SSASI-SB-08	0.0 - 0.5	11/28/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
SB-08	FAY-SSASI-SB-08	0.0 - 0.5	11/28/2017	Perfluorobutane Sulfonic Acid	3.0
SB-08	FAY-SSASI-SB-08	0.0 - 0.5	11/28/2017	Perfluorodecanoic Acid	<2.0
SB-08	FAY-SSASI-SB-08	0.0 - 0.5	11/28/2017	Perfluorododecanoic Acid	<2.0
SB-08	FAY-SSASI-SB-08	0.0 - 0.5	11/28/2017	Perfluoroheptanoic Acid	<2.0
SB-08	FAY-SSASI-SB-08	0.0 - 0.5	11/28/2017	Perfluorohexane Sulfonic Acid	<2.0
SB-08	FAY-SSASI-SB-08	0.0 - 0.5	11/28/2017	Perfluorohexanoic Acid	<2.0
SB-08	FAY-SSASI-SB-08	0.0 - 0.5	11/28/2017	Perfluorononanoic Acid	<2.0
SB-08	FAY-SSASI-SB-08	0.0 - 0.5	11/28/2017	Perfluoropentanoic Acid	3.8
SB-08	FAY-SSASI-SB-08	0.0 - 0.5	11/28/2017	Perfluorotetradecanoic Acid	<2.0
SB-08	FAY-SSASI-SB-08	0.0 - 0.5	11/28/2017	Perfluorotridecanoic Acid	<2.0
SB-08	FAY-SSASI-SB-08	0.0 - 0.5	11/28/2017	Perfluoroundecanoic Acid	<2.0
SB-08	FAY-SSASI-SB-08	0.0 - 0.5	11/28/2017	PFOA	<2.0
SB-08	FAY-SSASI-SB-08	0.0 - 0.5	11/28/2017	PFOS	<2.0
SB-09	FAY-SSASI-SB-09(0-.5)	0.0 - 0.5	11/28/2017	HFPO Dimer Acid	110
SB-09	FAY-SSASI-SB-09(0-.5)	0.0 - 0.5	11/28/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20

TABLE 8a
Soil Leachate PFAS - List 1 Concentrations
 Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Parameter Name	Result (ng/L)
SB-09	FAY-SSASI-SB-09(0-.5)	0.0 - 0.5	11/28/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
SB-09	FAY-SSASI-SB-09(0-.5)	0.0 - 0.5	11/28/2017	Perfluorobutane Sulfonic Acid	<2.0
SB-09	FAY-SSASI-SB-09(0-.5)	0.0 - 0.5	11/28/2017	Perfluorodecanoic Acid	<2.0
SB-09	FAY-SSASI-SB-09(0-.5)	0.0 - 0.5	11/28/2017	Perfluorododecanoic Acid	<2.0
SB-09	FAY-SSASI-SB-09(0-.5)	0.0 - 0.5	11/28/2017	Perfluoroheptanoic Acid	<2.0
SB-09	FAY-SSASI-SB-09(0-.5)	0.0 - 0.5	11/28/2017	Perfluorohexane Sulfonic Acid	<2.0
SB-09	FAY-SSASI-SB-09(0-.5)	0.0 - 0.5	11/28/2017	Perfluorohexanoic Acid	<2.0
SB-09	FAY-SSASI-SB-09(0-.5)	0.0 - 0.5	11/28/2017	Perfluorononanoic Acid	4.8
SB-09	FAY-SSASI-SB-09(0-.5)	0.0 - 0.5	11/28/2017	Perfluoropentanoic Acid	<2.0
SB-09	FAY-SSASI-SB-09(0-.5)	0.0 - 0.5	11/28/2017	Perfluorotetradecanoic Acid	<2.0
SB-09	FAY-SSASI-SB-09(0-.5)	0.0 - 0.5	11/28/2017	Perfluorotridecanoic Acid	<2.0
SB-09	FAY-SSASI-SB-09(0-.5)	0.0 - 0.5	11/28/2017	Perfluoroundecanoic Acid	<2.0
SB-09	FAY-SSASI-SB-09(0-.5)	0.0 - 0.5	11/28/2017	PFOA	6.0
SB-09	FAY-SSASI-SB-09(0-.5)	0.0 - 0.5	11/28/2017	PFOS	4.2
SB-09	FAY-SSASI-SB-09(4.5-5)	4.5 - 5.0	11/30/2017	HFPO Dimer Acid	39
SB-09	FAY-SSASI-SB-09(4.5-5)	4.5 - 5.0	11/30/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
SB-09	FAY-SSASI-SB-09(4.5-5)	4.5 - 5.0	11/30/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
SB-09	FAY-SSASI-SB-09(4.5-5)	4.5 - 5.0	11/30/2017	Perfluorobutane Sulfonic Acid	<2.0
SB-09	FAY-SSASI-SB-09(4.5-5)	4.5 - 5.0	11/30/2017	Perfluorodecanoic Acid	<2.0
SB-09	FAY-SSASI-SB-09(4.5-5)	4.5 - 5.0	11/30/2017	Perfluorododecanoic Acid	<2.0
SB-09	FAY-SSASI-SB-09(4.5-5)	4.5 - 5.0	11/30/2017	Perfluoroheptanoic Acid	<2.0
SB-09	FAY-SSASI-SB-09(4.5-5)	4.5 - 5.0	11/30/2017	Perfluorohexane Sulfonic Acid	<2.0
SB-09	FAY-SSASI-SB-09(4.5-5)	4.5 - 5.0	11/30/2017	Perfluorohexanoic Acid	<2.0
SB-09	FAY-SSASI-SB-09(4.5-5)	4.5 - 5.0	11/30/2017	Perfluorononanoic Acid	<2.0
SB-09	FAY-SSASI-SB-09(4.5-5)	4.5 - 5.0	11/30/2017	Perfluoropentanoic Acid	<2.0
SB-09	FAY-SSASI-SB-09(4.5-5)	4.5 - 5.0	11/30/2017	Perfluorotetradecanoic Acid	<2.0
SB-09	FAY-SSASI-SB-09(4.5-5)	4.5 - 5.0	11/30/2017	Perfluorotridecanoic Acid	<2.0

TABLE 8a
Soil Leachate PFAS - List 1 Concentrations
 Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Parameter Name	Result (ng/L)
SB-09	FAY-SSASI-SB-09(4.5-5)	4.5 - 5.0	11/30/2017	Perfluoroundecanoic Acid	<2.0
SB-09	FAY-SSASI-SB-09(4.5-5)	4.5 - 5.0	11/30/2017	PFOA	7.9
SB-09	FAY-SSASI-SB-09(4.5-5)	4.5 - 5.0	11/30/2017	PFOS	<2.0
SB-09	FAY-SSASI-SB-09(9.5-10)	9.5 - 10.0	11/30/2017	HFPO Dimer Acid	130
SB-09	FAY-SSASI-SB-09(9.5-10)	9.5 - 10.0	11/30/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
SB-09	FAY-SSASI-SB-09(9.5-10)	9.5 - 10.0	11/30/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
SB-09	FAY-SSASI-SB-09(9.5-10)	9.5 - 10.0	11/30/2017	Perfluorobutane Sulfonic Acid	<2.0
SB-09	FAY-SSASI-SB-09(9.5-10)	9.5 - 10.0	11/30/2017	Perfluorodecanoic Acid	<2.0
SB-09	FAY-SSASI-SB-09(9.5-10)	9.5 - 10.0	11/30/2017	Perfluorododecanoic Acid	<2.0
SB-09	FAY-SSASI-SB-09(9.5-10)	9.5 - 10.0	11/30/2017	Perfluoroheptanoic Acid	<2.0
SB-09	FAY-SSASI-SB-09(9.5-10)	9.5 - 10.0	11/30/2017	Perfluorohexane Sulfonic Acid	<2.0
SB-09	FAY-SSASI-SB-09(9.5-10)	9.5 - 10.0	11/30/2017	Perfluorohexanoic Acid	<2.0
SB-09	FAY-SSASI-SB-09(9.5-10)	9.5 - 10.0	11/30/2017	Perfluorononanoic Acid	<2.0
SB-09	FAY-SSASI-SB-09(9.5-10)	9.5 - 10.0	11/30/2017	Perfluoropentanoic Acid	<2.0
SB-09	FAY-SSASI-SB-09(9.5-10)	9.5 - 10.0	11/30/2017	Perfluorotetradecanoic Acid	<2.0
SB-09	FAY-SSASI-SB-09(9.5-10)	9.5 - 10.0	11/30/2017	Perfluorotridecanoic Acid	<2.0
SB-09	FAY-SSASI-SB-09(9.5-10)	9.5 - 10.0	11/30/2017	Perfluoroundecanoic Acid	<2.0
SB-09	FAY-SSASI-SB-09(9.5-10)	9.5 - 10.0	11/30/2017	PFOA	4.9
SB-09	FAY-SSASI-SB-09(9.5-10)	9.5 - 10.0	11/30/2017	PFOS	<2.0
SB-10	FAY-SSASI-SB-10	0.0 - 0.5	11/28/2017	HFPO Dimer Acid	140
SB-10	FAY-SSASI-SB-10	0.0 - 0.5	11/28/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
SB-10	FAY-SSASI-SB-10	0.0 - 0.5	11/28/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
SB-10	FAY-SSASI-SB-10	0.0 - 0.5	11/28/2017	Perfluorobutane Sulfonic Acid	<2.0
SB-10	FAY-SSASI-SB-10	0.0 - 0.5	11/28/2017	Perfluorodecanoic Acid	<2.0
SB-10	FAY-SSASI-SB-10	0.0 - 0.5	11/28/2017	Perfluorododecanoic Acid	<2.0
SB-10	FAY-SSASI-SB-10	0.0 - 0.5	11/28/2017	Perfluoroheptanoic Acid	<2.0
SB-10	FAY-SSASI-SB-10	0.0 - 0.5	11/28/2017	Perfluorohexane Sulfonic Acid	<2.0

TABLE 8a
Soil Leachate PFAS - List 1 Concentrations
 Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Parameter Name	Result (ng/L)
SB-10	FAY-SSASI-SB-10	0.0 - 0.5	11/28/2017	Perfluorohexanoic Acid	<2.0
SB-10	FAY-SSASI-SB-10	0.0 - 0.5	11/28/2017	Perfluorononanoic Acid	<2.0
SB-10	FAY-SSASI-SB-10	0.0 - 0.5	11/28/2017	Perfluoropentanoic Acid	<2.0
SB-10	FAY-SSASI-SB-10	0.0 - 0.5	11/28/2017	Perfluorotetradecanoic Acid	<2.0
SB-10	FAY-SSASI-SB-10	0.0 - 0.5	11/28/2017	Perfluorotridecanoic Acid	<2.0
SB-10	FAY-SSASI-SB-10	0.0 - 0.5	11/28/2017	Perfluoroundecanoic Acid	<2.0
SB-10	FAY-SSASI-SB-10	0.0 - 0.5	11/28/2017	PFOA	7.0
SB-10	FAY-SSASI-SB-10	0.0 - 0.5	11/28/2017	PFOS	2.9
SB-11	FAY-SSASI-SB-11	0.0 - 0.5	11/28/2017	HFPO Dimer Acid	210
SB-11	FAY-SSASI-SB-11	0.0 - 0.5	11/28/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
SB-11	FAY-SSASI-SB-11	0.0 - 0.5	11/28/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
SB-11	FAY-SSASI-SB-11	0.0 - 0.5	11/28/2017	Perfluorobutane Sulfonic Acid	<2.0
SB-11	FAY-SSASI-SB-11	0.0 - 0.5	11/28/2017	Perfluorodecanoic Acid	<2.0
SB-11	FAY-SSASI-SB-11	0.0 - 0.5	11/28/2017	Perfluorododecanoic Acid	<2.0
SB-11	FAY-SSASI-SB-11	0.0 - 0.5	11/28/2017	Perfluoroheptanoic Acid	<2.0
SB-11	FAY-SSASI-SB-11	0.0 - 0.5	11/28/2017	Perfluorohexane Sulfonic Acid	<2.0
SB-11	FAY-SSASI-SB-11	0.0 - 0.5	11/28/2017	Perfluorohexanoic Acid	<2.0
SB-11	FAY-SSASI-SB-11	0.0 - 0.5	11/28/2017	Perfluorononanoic Acid	<2.0
SB-11	FAY-SSASI-SB-11	0.0 - 0.5	11/28/2017	Perfluoropentanoic Acid	4.8
SB-11	FAY-SSASI-SB-11	0.0 - 0.5	11/28/2017	Perfluorotetradecanoic Acid	<2.0
SB-11	FAY-SSASI-SB-11	0.0 - 0.5	11/28/2017	Perfluorotridecanoic Acid	<2.0
SB-11	FAY-SSASI-SB-11	0.0 - 0.5	11/28/2017	Perfluoroundecanoic Acid	<2.0
SB-11	FAY-SSASI-SB-11	0.0 - 0.5	11/28/2017	PFOA	8.5
SB-11	FAY-SSASI-SB-11	0.0 - 0.5	11/28/2017	PFOS	2.3
SB-12	FAY-SSASI-SB-12	0.0 - 0.5	11/28/2017	HFPO Dimer Acid	80
SB-12	FAY-SSASI-SB-12	0.0 - 0.5	11/28/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
SB-12	FAY-SSASI-SB-12	0.0 - 0.5	11/28/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20

TABLE 8a
Soil Leachate PFAS - List 1 Concentrations
 Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Parameter Name	Result (ng/L)
SB-12	FAY-SSASI-SB-12	0.0 - 0.5	11/28/2017	Perfluorobutane Sulfonic Acid	<2.0
SB-12	FAY-SSASI-SB-12	0.0 - 0.5	11/28/2017	Perfluorodecanoic Acid	<2.0
SB-12	FAY-SSASI-SB-12	0.0 - 0.5	11/28/2017	Perfluorododecanoic Acid	<2.0
SB-12	FAY-SSASI-SB-12	0.0 - 0.5	11/28/2017	Perfluoroheptanoic Acid	<2.0
SB-12	FAY-SSASI-SB-12	0.0 - 0.5	11/28/2017	Perfluorohexane Sulfonic Acid	<2.0
SB-12	FAY-SSASI-SB-12	0.0 - 0.5	11/28/2017	Perfluorohexanoic Acid	<2.0
SB-12	FAY-SSASI-SB-12	0.0 - 0.5	11/28/2017	Perfluorononanoic Acid	<2.0
SB-12	FAY-SSASI-SB-12	0.0 - 0.5	11/28/2017	Perfluoropentanoic Acid	<2.0
SB-12	FAY-SSASI-SB-12	0.0 - 0.5	11/28/2017	Perfluorotetradecanoic Acid	<2.0
SB-12	FAY-SSASI-SB-12	0.0 - 0.5	11/28/2017	Perfluorotridecanoic Acid	<2.0
SB-12	FAY-SSASI-SB-12	0.0 - 0.5	11/28/2017	Perfluoroundecanoic Acid	<2.0
SB-12	FAY-SSASI-SB-12	0.0 - 0.5	11/28/2017	PFOA	16
SB-12	FAY-SSASI-SB-12	0.0 - 0.5	11/28/2017	PFOS	3.0
SB-13	FAY-SSASI-SB-13	0.0 - 0.5	11/28/2017	HFPO Dimer Acid	34
SB-13	FAY-SSASI-SB-13	0.0 - 0.5	11/28/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
SB-13	FAY-SSASI-SB-13	0.0 - 0.5	11/28/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
SB-13	FAY-SSASI-SB-13	0.0 - 0.5	11/28/2017	Perfluorobutane Sulfonic Acid	<2.0
SB-13	FAY-SSASI-SB-13	0.0 - 0.5	11/28/2017	Perfluorodecanoic Acid	<2.0
SB-13	FAY-SSASI-SB-13	0.0 - 0.5	11/28/2017	Perfluorododecanoic Acid	<2.0
SB-13	FAY-SSASI-SB-13	0.0 - 0.5	11/28/2017	Perfluoroheptanoic Acid	<2.0
SB-13	FAY-SSASI-SB-13	0.0 - 0.5	11/28/2017	Perfluorohexane Sulfonic Acid	<2.0
SB-13	FAY-SSASI-SB-13	0.0 - 0.5	11/28/2017	Perfluorohexanoic Acid	<2.0
SB-13	FAY-SSASI-SB-13	0.0 - 0.5	11/28/2017	Perfluorononanoic Acid	<2.0
SB-13	FAY-SSASI-SB-13	0.0 - 0.5	11/28/2017	Perfluoropentanoic Acid	<2.0
SB-13	FAY-SSASI-SB-13	0.0 - 0.5	11/28/2017	Perfluorotetradecanoic Acid	<2.0
SB-13	FAY-SSASI-SB-13	0.0 - 0.5	11/28/2017	Perfluorotridecanoic Acid	<2.0
SB-13	FAY-SSASI-SB-13	0.0 - 0.5	11/28/2017	Perfluoroundecanoic Acid	<2.0

TABLE 8a
Soil Leachate PFAS - List 1 Concentrations
 Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Parameter Name	Result (ng/L)
SB-13	FAY-SSASI-SB-13	0.0 - 0.5	11/28/2017	PFOA	11
SB-13	FAY-SSASI-SB-13	0.0 - 0.5	11/28/2017	PFOS	3.2
SB-14	FAY-SSASI-SB-14	0.0 - 0.5	11/28/2017	HFPO Dimer Acid	33
SB-14	FAY-SSASI-SB-14	0.0 - 0.5	11/28/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
SB-14	FAY-SSASI-SB-14	0.0 - 0.5	11/28/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
SB-14	FAY-SSASI-SB-14	0.0 - 0.5	11/28/2017	Perfluorobutane Sulfonic Acid	<2.0
SB-14	FAY-SSASI-SB-14	0.0 - 0.5	11/28/2017	Perfluorodecanoic Acid	<2.0
SB-14	FAY-SSASI-SB-14	0.0 - 0.5	11/28/2017	Perfluorododecanoic Acid	<2.0
SB-14	FAY-SSASI-SB-14	0.0 - 0.5	11/28/2017	Perfluoroheptanoic Acid	<2.0
SB-14	FAY-SSASI-SB-14	0.0 - 0.5	11/28/2017	Perfluorohexane Sulfonic Acid	<2.0
SB-14	FAY-SSASI-SB-14	0.0 - 0.5	11/28/2017	Perfluorohexanoic Acid	<2.0
SB-14	FAY-SSASI-SB-14	0.0 - 0.5	11/28/2017	Perfluorononanoic Acid	<2.0
SB-14	FAY-SSASI-SB-14	0.0 - 0.5	11/28/2017	Perfluoropentanoic Acid	<2.0
SB-14	FAY-SSASI-SB-14	0.0 - 0.5	11/28/2017	Perfluorotetradecanoic Acid	<2.0
SB-14	FAY-SSASI-SB-14	0.0 - 0.5	11/28/2017	Perfluorotridecanoic Acid	<2.0
SB-14	FAY-SSASI-SB-14	0.0 - 0.5	11/28/2017	Perfluoroundecanoic Acid	<2.0
SB-14	FAY-SSASI-SB-14	0.0 - 0.5	11/28/2017	PFOA	10
SB-14	FAY-SSASI-SB-14	0.0 - 0.5	11/28/2017	PFOS	<2.0
SB-15	FAY-SSASI-SB-15	0.0 - 0.5	11/29/2017	HFPO Dimer Acid	380
SB-15	FAY-SSASI-SB-15	0.0 - 0.5	11/29/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
SB-15	FAY-SSASI-SB-15	0.0 - 0.5	11/29/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
SB-15	FAY-SSASI-SB-15	0.0 - 0.5	11/29/2017	Perfluorobutane Sulfonic Acid	<2.0
SB-15	FAY-SSASI-SB-15	0.0 - 0.5	11/29/2017	Perfluorodecanoic Acid	2.4
SB-15	FAY-SSASI-SB-15	0.0 - 0.5	11/29/2017	Perfluorododecanoic Acid	<2.0
SB-15	FAY-SSASI-SB-15	0.0 - 0.5	11/29/2017	Perfluoroheptanoic Acid	4.5
SB-15	FAY-SSASI-SB-15	0.0 - 0.5	11/29/2017	Perfluorohexane Sulfonic Acid	<2.0
SB-15	FAY-SSASI-SB-15	0.0 - 0.5	11/29/2017	Perfluorohexanoic Acid	<2.0

January 2018

PARSONS

Page 11 of 24

Permit No. NCD047368642-R1

ED_002096A_00016432-00126

TABLE 8a
Soil Leachate PFAS - List 1 Concentrations
 Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Parameter Name	Result (ng/L)
SB-15	FAY-SSASI-SB-15	0.0 - 0.5	11/29/2017	Perfluorononanoic Acid	4.3
SB-15	FAY-SSASI-SB-15	0.0 - 0.5	11/29/2017	Perfluoropentanoic Acid	8.7 J
SB-15	FAY-SSASI-SB-15	0.0 - 0.5	11/29/2017	Perfluorotetradecanoic Acid	<2.0
SB-15	FAY-SSASI-SB-15	0.0 - 0.5	11/29/2017	Perfluorotridecanoic Acid	<2.0
SB-15	FAY-SSASI-SB-15	0.0 - 0.5	11/29/2017	Perfluoroundecanoic Acid	3.4
SB-15	FAY-SSASI-SB-15	0.0 - 0.5	11/29/2017	PFOA	<2.0
SB-15	FAY-SSASI-SB-15	0.0 - 0.5	11/29/2017	PFOS	<2.0
SB-15	FAY-SSASI-SB-15-D	0.0 - 0.5	11/29/2017	HFPO Dimer Acid	230
SB-15	FAY-SSASI-SB-15-D	0.0 - 0.5	11/29/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
SB-15	FAY-SSASI-SB-15-D	0.0 - 0.5	11/29/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
SB-15	FAY-SSASI-SB-15-D	0.0 - 0.5	11/29/2017	Perfluorobutane Sulfonic Acid	<2.0
SB-15	FAY-SSASI-SB-15-D	0.0 - 0.5	11/29/2017	Perfluorodecanoic Acid	<2.0
SB-15	FAY-SSASI-SB-15-D	0.0 - 0.5	11/29/2017	Perfluorododecanoic Acid	<2.0
SB-15	FAY-SSASI-SB-15-D	0.0 - 0.5	11/29/2017	Perfluoroheptanoic Acid	<2.0
SB-15	FAY-SSASI-SB-15-D	0.0 - 0.5	11/29/2017	Perfluorohexane Sulfonic Acid	<2.0
SB-15	FAY-SSASI-SB-15-D	0.0 - 0.5	11/29/2017	Perfluorohexanoic Acid	<2.0
SB-15	FAY-SSASI-SB-15-D	0.0 - 0.5	11/29/2017	Perfluorononanoic Acid	2.6
SB-15	FAY-SSASI-SB-15-D	0.0 - 0.5	11/29/2017	Perfluoropentanoic Acid	3.9 J
SB-15	FAY-SSASI-SB-15-D	0.0 - 0.5	11/29/2017	Perfluorotetradecanoic Acid	<2.0
SB-15	FAY-SSASI-SB-15-D	0.0 - 0.5	11/29/2017	Perfluorotridecanoic Acid	<2.0
SB-15	FAY-SSASI-SB-15-D	0.0 - 0.5	11/29/2017	Perfluoroundecanoic Acid	4.0
SB-15	FAY-SSASI-SB-15-D	0.0 - 0.5	11/29/2017	PFOA	<2.0
SB-15	FAY-SSASI-SB-15-D	0.0 - 0.5	11/29/2017	PFOS	<2.0
SB-16	FAY-SSASI-SB-16	0.0 - 0.5	11/29/2017	HFPO Dimer Acid	59
SB-16	FAY-SSASI-SB-16	0.0 - 0.5	11/29/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
SB-16	FAY-SSASI-SB-16	0.0 - 0.5	11/29/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
SB-16	FAY-SSASI-SB-16	0.0 - 0.5	11/29/2017	Perfluorobutane Sulfonic Acid	<2.0

TABLE 8a
Soil Leachate PFAS - List 1 Concentrations
 Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Parameter Name	Result (ng/L)
SB-16	FAY-SSASI-SB-16	0.0 - 0.5	11/29/2017	Perfluorodecanoic Acid	2.1
SB-16	FAY-SSASI-SB-16	0.0 - 0.5	11/29/2017	Perfluorododecanoic Acid	<2.0
SB-16	FAY-SSASI-SB-16	0.0 - 0.5	11/29/2017	Perfluoroheptanoic Acid	<2.0
SB-16	FAY-SSASI-SB-16	0.0 - 0.5	11/29/2017	Perfluorohexane Sulfonic Acid	<2.0
SB-16	FAY-SSASI-SB-16	0.0 - 0.5	11/29/2017	Perfluorohexanoic Acid	<2.0
SB-16	FAY-SSASI-SB-16	0.0 - 0.5	11/29/2017	Perfluorononanoic Acid	4.3
SB-16	FAY-SSASI-SB-16	0.0 - 0.5	11/29/2017	Perfluoropentanoic Acid	<2.0
SB-16	FAY-SSASI-SB-16	0.0 - 0.5	11/29/2017	Perfluorotetradecanoic Acid	<2.0
SB-16	FAY-SSASI-SB-16	0.0 - 0.5	11/29/2017	Perfluorotridecanoic Acid	<2.0
SB-16	FAY-SSASI-SB-16	0.0 - 0.5	11/29/2017	Perfluoroundecanoic Acid	<2.0
SB-16	FAY-SSASI-SB-16	0.0 - 0.5	11/29/2017	PFOA	6.0
SB-16	FAY-SSASI-SB-16	0.0 - 0.5	11/29/2017	PFOS	3.0
SB-17	FAY-SSASI-SB-17	0.0 - 0.5	11/29/2017	HFPO Dimer Acid	160
SB-17	FAY-SSASI-SB-17	0.0 - 0.5	11/29/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
SB-17	FAY-SSASI-SB-17	0.0 - 0.5	11/29/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
SB-17	FAY-SSASI-SB-17	0.0 - 0.5	11/29/2017	Perfluorobutane Sulfonic Acid	<2.0
SB-17	FAY-SSASI-SB-17	0.0 - 0.5	11/29/2017	Perfluorodecanoic Acid	2.3
SB-17	FAY-SSASI-SB-17	0.0 - 0.5	11/29/2017	Perfluorododecanoic Acid	<2.0
SB-17	FAY-SSASI-SB-17	0.0 - 0.5	11/29/2017	Perfluoroheptanoic Acid	<2.0
SB-17	FAY-SSASI-SB-17	0.0 - 0.5	11/29/2017	Perfluorohexane Sulfonic Acid	<2.0
SB-17	FAY-SSASI-SB-17	0.0 - 0.5	11/29/2017	Perfluorohexanoic Acid	<2.0
SB-17	FAY-SSASI-SB-17	0.0 - 0.5	11/29/2017	Perfluorononanoic Acid	<2.0
SB-17	FAY-SSASI-SB-17	0.0 - 0.5	11/29/2017	Perfluoropentanoic Acid	<2.0
SB-17	FAY-SSASI-SB-17	0.0 - 0.5	11/29/2017	Perfluorotetradecanoic Acid	<2.0
SB-17	FAY-SSASI-SB-17	0.0 - 0.5	11/29/2017	Perfluorotridecanoic Acid	<2.0
SB-17	FAY-SSASI-SB-17	0.0 - 0.5	11/29/2017	Perfluoroundecanoic Acid	<2.0
SB-17	FAY-SSASI-SB-17	0.0 - 0.5	11/29/2017	PFOA	<2.0

TABLE 8a
Soil Leachate PFAS - List 1 Concentrations
 Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Parameter Name	Result (ng/L)
SB-17	FAY-SSASI-SB-17	0.0 - 0.5	11/29/2017	PFOS	<2.0
SB-18	FAY-SSASI-SB-18	0.0 - 0.5	11/29/2017	HFPO Dimer Acid	110
SB-18	FAY-SSASI-SB-18	0.0 - 0.5	11/29/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
SB-18	FAY-SSASI-SB-18	0.0 - 0.5	11/29/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
SB-18	FAY-SSASI-SB-18	0.0 - 0.5	11/29/2017	Perfluorobutane Sulfonic Acid	<2.0
SB-18	FAY-SSASI-SB-18	0.0 - 0.5	11/29/2017	Perfluorodecanoic Acid	<2.0
SB-18	FAY-SSASI-SB-18	0.0 - 0.5	11/29/2017	Perfluorododecanoic Acid	<2.0
SB-18	FAY-SSASI-SB-18	0.0 - 0.5	11/29/2017	Perfluoroheptanoic Acid	<2.0
SB-18	FAY-SSASI-SB-18	0.0 - 0.5	11/29/2017	Perfluorohexane Sulfonic Acid	<2.0
SB-18	FAY-SSASI-SB-18	0.0 - 0.5	11/29/2017	Perfluorohexanoic Acid	<2.0
SB-18	FAY-SSASI-SB-18	0.0 - 0.5	11/29/2017	Perfluorononanoic Acid	<2.0
SB-18	FAY-SSASI-SB-18	0.0 - 0.5	11/29/2017	Perfluoropentanoic Acid	<2.0
SB-18	FAY-SSASI-SB-18	0.0 - 0.5	11/29/2017	Perfluorotetradecanoic Acid	<2.0
SB-18	FAY-SSASI-SB-18	0.0 - 0.5	11/29/2017	Perfluorotridecanoic Acid	<2.0
SB-18	FAY-SSASI-SB-18	0.0 - 0.5	11/29/2017	Perfluoroundecanoic Acid	<2.0
SB-18	FAY-SSASI-SB-18	0.0 - 0.5	11/29/2017	PFOA	9.8
SB-18	FAY-SSASI-SB-18	0.0 - 0.5	11/29/2017	PFOS	<2.0
SB-19	FAY-SSASI-SB-19	0.0 - 0.5	11/29/2017	HFPO Dimer Acid	15
SB-19	FAY-SSASI-SB-19	0.0 - 0.5	11/29/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
SB-19	FAY-SSASI-SB-19	0.0 - 0.5	11/29/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
SB-19	FAY-SSASI-SB-19	0.0 - 0.5	11/29/2017	Perfluorobutane Sulfonic Acid	<2.0
SB-19	FAY-SSASI-SB-19	0.0 - 0.5	11/29/2017	Perfluorodecanoic Acid	<2.0
SB-19	FAY-SSASI-SB-19	0.0 - 0.5	11/29/2017	Perfluorododecanoic Acid	<2.0
SB-19	FAY-SSASI-SB-19	0.0 - 0.5	11/29/2017	Perfluoroheptanoic Acid	<2.0
SB-19	FAY-SSASI-SB-19	0.0 - 0.5	11/29/2017	Perfluorohexane Sulfonic Acid	<2.0
SB-19	FAY-SSASI-SB-19	0.0 - 0.5	11/29/2017	Perfluorohexanoic Acid	<2.0
SB-19	FAY-SSASI-SB-19	0.0 - 0.5	11/29/2017	Perfluorononanoic Acid	<2.0

TABLE 8a
Soil Leachate PFAS - List 1 Concentrations
 Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Parameter Name	Result (ng/L)
SB-19	FAY-SSASI-SB-19	0.0 - 0.5	11/29/2017	Perfluoropentanoic Acid	<2.0
SB-19	FAY-SSASI-SB-19	0.0 - 0.5	11/29/2017	Perfluorotetradecanoic Acid	<2.0
SB-19	FAY-SSASI-SB-19	0.0 - 0.5	11/29/2017	Perfluorotridecanoic Acid	<2.0
SB-19	FAY-SSASI-SB-19	0.0 - 0.5	11/29/2017	Perfluoroundecanoic Acid	<2.0
SB-19	FAY-SSASI-SB-19	0.0 - 0.5	11/29/2017	PFOA	<2.0
SB-19	FAY-SSASI-SB-19	0.0 - 0.5	11/29/2017	PFOS	<2.0
SB-20	FAY-SSASI-SB-20	0.0 - 0.5	11/29/2017	HFPO Dimer Acid	93
SB-20	FAY-SSASI-SB-20	0.0 - 0.5	11/29/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
SB-20	FAY-SSASI-SB-20	0.0 - 0.5	11/29/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
SB-20	FAY-SSASI-SB-20	0.0 - 0.5	11/29/2017	Perfluorobutane Sulfonic Acid	<2.0
SB-20	FAY-SSASI-SB-20	0.0 - 0.5	11/29/2017	Perfluorodecanoic Acid	<2.0
SB-20	FAY-SSASI-SB-20	0.0 - 0.5	11/29/2017	Perfluorododecanoic Acid	<2.0
SB-20	FAY-SSASI-SB-20	0.0 - 0.5	11/29/2017	Perfluoroheptanoic Acid	2.7
SB-20	FAY-SSASI-SB-20	0.0 - 0.5	11/29/2017	Perfluorohexane Sulfonic Acid	<2.0
SB-20	FAY-SSASI-SB-20	0.0 - 0.5	11/29/2017	Perfluorohexanoic Acid	3.5
SB-20	FAY-SSASI-SB-20	0.0 - 0.5	11/29/2017	Perfluorononanoic Acid	<2.0
SB-20	FAY-SSASI-SB-20	0.0 - 0.5	11/29/2017	Perfluoropentanoic Acid	5.8
SB-20	FAY-SSASI-SB-20	0.0 - 0.5	11/29/2017	Perfluorotetradecanoic Acid	<2.0
SB-20	FAY-SSASI-SB-20	0.0 - 0.5	11/29/2017	Perfluorotridecanoic Acid	<2.0
SB-20	FAY-SSASI-SB-20	0.0 - 0.5	11/29/2017	Perfluoroundecanoic Acid	<2.0
SB-20	FAY-SSASI-SB-20	0.0 - 0.5	11/29/2017	PFOA	13
SB-20	FAY-SSASI-SB-20	0.0 - 0.5	11/29/2017	PFOS	3.1
SB-21	FAY-SSASI-SB-21	0.0 - 0.5	11/29/2017	HFPO Dimer Acid	35
SB-21	FAY-SSASI-SB-21	0.0 - 0.5	11/29/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
SB-21	FAY-SSASI-SB-21	0.0 - 0.5	11/29/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
SB-21	FAY-SSASI-SB-21	0.0 - 0.5	11/29/2017	Perfluorobutane Sulfonic Acid	<2.0
SB-21	FAY-SSASI-SB-21	0.0 - 0.5	11/29/2017	Perfluorodecanoic Acid	<2.0

January 2018

PARSONS

Page 15 of 24

Permit No. NCD047368642-R1

ED_002096A_00016432-00130

TABLE 8a
Soil Leachate PFAS - List 1 Concentrations
 Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Parameter Name	Result (ng/L)
SB-21	FAY-SSASI-SB-21	0.0 - 0.5	11/29/2017	Perfluorododecanoic Acid	<2.0
SB-21	FAY-SSASI-SB-21	0.0 - 0.5	11/29/2017	Perfluoroheptanoic Acid	<2.0
SB-21	FAY-SSASI-SB-21	0.0 - 0.5	11/29/2017	Perfluorohexane Sulfonic Acid	<2.0
SB-21	FAY-SSASI-SB-21	0.0 - 0.5	11/29/2017	Perfluorohexanoic Acid	<2.0
SB-21	FAY-SSASI-SB-21	0.0 - 0.5	11/29/2017	Perfluorononanoic Acid	<2.0
SB-21	FAY-SSASI-SB-21	0.0 - 0.5	11/29/2017	Perfluoropentanoic Acid	<2.0
SB-21	FAY-SSASI-SB-21	0.0 - 0.5	11/29/2017	Perfluorotetradecanoic Acid	<2.0
SB-21	FAY-SSASI-SB-21	0.0 - 0.5	11/29/2017	Perfluorotridecanoic Acid	<2.0
SB-21	FAY-SSASI-SB-21	0.0 - 0.5	11/29/2017	Perfluoroundecanoic Acid	<2.0
SB-21	FAY-SSASI-SB-21	0.0 - 0.5	11/29/2017	PFOA	4.7
SB-21	FAY-SSASI-SB-21	0.0 - 0.5	11/29/2017	PFOS	3.0
SB-22	FAY-SSASI-SB-22	0.0 - 0.5	11/29/2017	HFPO Dimer Acid	100
SB-22	FAY-SSASI-SB-22	0.0 - 0.5	11/29/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
SB-22	FAY-SSASI-SB-22	0.0 - 0.5	11/29/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
SB-22	FAY-SSASI-SB-22	0.0 - 0.5	11/29/2017	Perfluorobutane Sulfonic Acid	<2.0
SB-22	FAY-SSASI-SB-22	0.0 - 0.5	11/29/2017	Perfluorodecanoic Acid	<2.0
SB-22	FAY-SSASI-SB-22	0.0 - 0.5	11/29/2017	Perfluorododecanoic Acid	<2.0
SB-22	FAY-SSASI-SB-22	0.0 - 0.5	11/29/2017	Perfluoroheptanoic Acid	<2.0
SB-22	FAY-SSASI-SB-22	0.0 - 0.5	11/29/2017	Perfluorohexane Sulfonic Acid	2.2
SB-22	FAY-SSASI-SB-22	0.0 - 0.5	11/29/2017	Perfluorohexanoic Acid	<2.0
SB-22	FAY-SSASI-SB-22	0.0 - 0.5	11/29/2017	Perfluorononanoic Acid	<2.0
SB-22	FAY-SSASI-SB-22	0.0 - 0.5	11/29/2017	Perfluoropentanoic Acid	<2.0
SB-22	FAY-SSASI-SB-22	0.0 - 0.5	11/29/2017	Perfluorotetradecanoic Acid	<2.0
SB-22	FAY-SSASI-SB-22	0.0 - 0.5	11/29/2017	Perfluorotridecanoic Acid	<2.0
SB-22	FAY-SSASI-SB-22	0.0 - 0.5	11/29/2017	Perfluoroundecanoic Acid	<2.0
SB-22	FAY-SSASI-SB-22	0.0 - 0.5	11/29/2017	PFOA	8.3
SB-22	FAY-SSASI-SB-22	0.0 - 0.5	11/29/2017	PFOS	49

TABLE 8a
Soil Leachate PFAS - List 1 Concentrations
 Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Parameter Name	Result (ng/L)
SB-23	FAY-SSASI-SB-23	0.0 - 0.5	11/29/2017	HFPO Dimer Acid	640 J
SB-23	FAY-SSASI-SB-23	0.0 - 0.5	11/29/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
SB-23	FAY-SSASI-SB-23	0.0 - 0.5	11/29/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
SB-23	FAY-SSASI-SB-23	0.0 - 0.5	11/29/2017	Perfluorobutane Sulfonic Acid	<2.0
SB-23	FAY-SSASI-SB-23	0.0 - 0.5	11/29/2017	Perfluorodecanoic Acid	<2.0
SB-23	FAY-SSASI-SB-23	0.0 - 0.5	11/29/2017	Perfluorododecanoic Acid	<2.0
SB-23	FAY-SSASI-SB-23	0.0 - 0.5	11/29/2017	Perfluoroheptanoic Acid	<2.0
SB-23	FAY-SSASI-SB-23	0.0 - 0.5	11/29/2017	Perfluorohexane Sulfonic Acid	<2.0
SB-23	FAY-SSASI-SB-23	0.0 - 0.5	11/29/2017	Perfluorohexanoic Acid	<2.0
SB-23	FAY-SSASI-SB-23	0.0 - 0.5	11/29/2017	Perfluorononanoic Acid	2.1
SB-23	FAY-SSASI-SB-23	0.0 - 0.5	11/29/2017	Perfluoropentanoic Acid	<2.0
SB-23	FAY-SSASI-SB-23	0.0 - 0.5	11/29/2017	Perfluorotetradecanoic Acid	<2.0
SB-23	FAY-SSASI-SB-23	0.0 - 0.5	11/29/2017	Perfluorotridecanoic Acid	<2.0
SB-23	FAY-SSASI-SB-23	0.0 - 0.5	11/29/2017	Perfluoroundecanoic Acid	<2.0
SB-23	FAY-SSASI-SB-23	0.0 - 0.5	11/29/2017	PFOA	<2.0
SB-23	FAY-SSASI-SB-23	0.0 - 0.5	11/29/2017	PFOS	2.2
SB-24	FAY-SSASI-SB-24	0.0 - 0.5	11/29/2017	HFPO Dimer Acid	72
SB-24	FAY-SSASI-SB-24	0.0 - 0.5	11/29/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
SB-24	FAY-SSASI-SB-24	0.0 - 0.5	11/29/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
SB-24	FAY-SSASI-SB-24	0.0 - 0.5	11/29/2017	Perfluorobutane Sulfonic Acid	<2.0
SB-24	FAY-SSASI-SB-24	0.0 - 0.5	11/29/2017	Perfluorodecanoic Acid	<2.0
SB-24	FAY-SSASI-SB-24	0.0 - 0.5	11/29/2017	Perfluorododecanoic Acid	<2.0
SB-24	FAY-SSASI-SB-24	0.0 - 0.5	11/29/2017	Perfluoroheptanoic Acid	<2.0
SB-24	FAY-SSASI-SB-24	0.0 - 0.5	11/29/2017	Perfluorohexane Sulfonic Acid	<2.0
SB-24	FAY-SSASI-SB-24	0.0 - 0.5	11/29/2017	Perfluorohexanoic Acid	<2.0
SB-24	FAY-SSASI-SB-24	0.0 - 0.5	11/29/2017	Perfluorononanoic Acid	7.0
SB-24	FAY-SSASI-SB-24	0.0 - 0.5	11/29/2017	Perfluoropentanoic Acid	<2.0

TABLE 8a
Soil Leachate PFAS - List 1 Concentrations
 Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Parameter Name	Result (ng/L)
SB-24	FAY-SSASI-SB-24	0.0 - 0.5	11/29/2017	Perfluorotetradecanoic Acid	<2.0
SB-24	FAY-SSASI-SB-24	0.0 - 0.5	11/29/2017	Perfluorotridecanoic Acid	<2.0
SB-24	FAY-SSASI-SB-24	0.0 - 0.5	11/29/2017	Perfluoroundecanoic Acid	<2.0
SB-24	FAY-SSASI-SB-24	0.0 - 0.5	11/29/2017	PFOA	2.7
SB-24	FAY-SSASI-SB-24	0.0 - 0.5	11/29/2017	PFOS	4.9
SB-25	FAY-SSASI-SB-25	0.0 - 0.5	11/29/2017	HFPO Dimer Acid	120
SB-25	FAY-SSASI-SB-25	0.0 - 0.5	11/29/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
SB-25	FAY-SSASI-SB-25	0.0 - 0.5	11/29/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
SB-25	FAY-SSASI-SB-25	0.0 - 0.5	11/29/2017	Perfluorobutane Sulfonic Acid	2.7
SB-25	FAY-SSASI-SB-25	0.0 - 0.5	11/29/2017	Perfluorodecanoic Acid	<2.0
SB-25	FAY-SSASI-SB-25	0.0 - 0.5	11/29/2017	Perfluorododecanoic Acid	<2.0
SB-25	FAY-SSASI-SB-25	0.0 - 0.5	11/29/2017	Perfluoroheptanoic Acid	<2.0
SB-25	FAY-SSASI-SB-25	0.0 - 0.5	11/29/2017	Perfluorohexane Sulfonic Acid	<2.0
SB-25	FAY-SSASI-SB-25	0.0 - 0.5	11/29/2017	Perfluorohexanoic Acid	<2.0
SB-25	FAY-SSASI-SB-25	0.0 - 0.5	11/29/2017	Perfluorononanoic Acid	<2.0
SB-25	FAY-SSASI-SB-25	0.0 - 0.5	11/29/2017	Perfluoropentanoic Acid	2.7
SB-25	FAY-SSASI-SB-25	0.0 - 0.5	11/29/2017	Perfluorotetradecanoic Acid	<2.0
SB-25	FAY-SSASI-SB-25	0.0 - 0.5	11/29/2017	Perfluorotridecanoic Acid	<2.0
SB-25	FAY-SSASI-SB-25	0.0 - 0.5	11/29/2017	Perfluoroundecanoic Acid	<2.0
SB-25	FAY-SSASI-SB-25	0.0 - 0.5	11/29/2017	PFOA	2.7
SB-25	FAY-SSASI-SB-25	0.0 - 0.5	11/29/2017	PFOS	2.4
SB-26	FAY-SSASI-SB-26	0.0 - 0.5	11/29/2017	HFPO Dimer Acid	39
SB-26	FAY-SSASI-SB-26	0.0 - 0.5	11/29/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
SB-26	FAY-SSASI-SB-26	0.0 - 0.5	11/29/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
SB-26	FAY-SSASI-SB-26	0.0 - 0.5	11/29/2017	Perfluorobutane Sulfonic Acid	<2.0
SB-26	FAY-SSASI-SB-26	0.0 - 0.5	11/29/2017	Perfluorodecanoic Acid	<2.0
SB-26	FAY-SSASI-SB-26	0.0 - 0.5	11/29/2017	Perfluorododecanoic Acid	<2.0

TABLE 8a
Soil Leachate PFAS - List 1 Concentrations
 Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Parameter Name	Result (ng/L)
SB-26	FAY-SSASI-SB-26	0.0 - 0.5	11/29/2017	Perfluoroheptanoic Acid	<2.0
SB-26	FAY-SSASI-SB-26	0.0 - 0.5	11/29/2017	Perfluorohexane Sulfonic Acid	<2.0
SB-26	FAY-SSASI-SB-26	0.0 - 0.5	11/29/2017	Perfluorohexanoic Acid	<2.0
SB-26	FAY-SSASI-SB-26	0.0 - 0.5	11/29/2017	Perfluorononanoic Acid	<2.0
SB-26	FAY-SSASI-SB-26	0.0 - 0.5	11/29/2017	Perfluoropentanoic Acid	<2.0
SB-26	FAY-SSASI-SB-26	0.0 - 0.5	11/29/2017	Perfluorotetradecanoic Acid	<2.0
SB-26	FAY-SSASI-SB-26	0.0 - 0.5	11/29/2017	Perfluorotridecanoic Acid	<2.0
SB-26	FAY-SSASI-SB-26	0.0 - 0.5	11/29/2017	Perfluoroundecanoic Acid	<2.0
SB-26	FAY-SSASI-SB-26	0.0 - 0.5	11/29/2017	PFOA	<2.0
SB-26	FAY-SSASI-SB-26	0.0 - 0.5	11/29/2017	PFOS	<2.0
SB-27	FAY-SSASI-SB-27	0.0 - 0.5	11/29/2017	HFPO Dimer Acid	79
SB-27	FAY-SSASI-SB-27	0.0 - 0.5	11/29/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
SB-27	FAY-SSASI-SB-27	0.0 - 0.5	11/29/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
SB-27	FAY-SSASI-SB-27	0.0 - 0.5	11/29/2017	Perfluorobutane Sulfonic Acid	<2.0
SB-27	FAY-SSASI-SB-27	0.0 - 0.5	11/29/2017	Perfluorodecanoic Acid	<2.0
SB-27	FAY-SSASI-SB-27	0.0 - 0.5	11/29/2017	Perfluorododecanoic Acid	<2.0
SB-27	FAY-SSASI-SB-27	0.0 - 0.5	11/29/2017	Perfluoroheptanoic Acid	<2.0
SB-27	FAY-SSASI-SB-27	0.0 - 0.5	11/29/2017	Perfluorohexane Sulfonic Acid	<2.0
SB-27	FAY-SSASI-SB-27	0.0 - 0.5	11/29/2017	Perfluorohexanoic Acid	<2.0
SB-27	FAY-SSASI-SB-27	0.0 - 0.5	11/29/2017	Perfluorononanoic Acid	<2.0
SB-27	FAY-SSASI-SB-27	0.0 - 0.5	11/29/2017	Perfluoropentanoic Acid	<2.0
SB-27	FAY-SSASI-SB-27	0.0 - 0.5	11/29/2017	Perfluorotetradecanoic Acid	<2.0
SB-27	FAY-SSASI-SB-27	0.0 - 0.5	11/29/2017	Perfluorotridecanoic Acid	<2.0
SB-27	FAY-SSASI-SB-27	0.0 - 0.5	11/29/2017	Perfluoroundecanoic Acid	<2.0
SB-27	FAY-SSASI-SB-27	0.0 - 0.5	11/29/2017	PFOA	<2.0
SB-27	FAY-SSASI-SB-27	0.0 - 0.5	11/29/2017	PFOS	<2.0
SB-28	FAY-SSASI-SB-28	0.0 - 0.5	11/29/2017	HFPO Dimer Acid	18

TABLE 8a
Soil Leachate PFAS - List 1 Concentrations
 Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Parameter Name	Result (ng/L)
SB-28	FAY-SSASI-SB-28	0.0 - 0.5	11/29/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
SB-28	FAY-SSASI-SB-28	0.0 - 0.5	11/29/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
SB-28	FAY-SSASI-SB-28	0.0 - 0.5	11/29/2017	Perfluorobutane Sulfonic Acid	<2.0
SB-28	FAY-SSASI-SB-28	0.0 - 0.5	11/29/2017	Perfluorodecanoic Acid	<2.0
SB-28	FAY-SSASI-SB-28	0.0 - 0.5	11/29/2017	Perfluorododecanoic Acid	<2.0
SB-28	FAY-SSASI-SB-28	0.0 - 0.5	11/29/2017	Perfluoroheptanoic Acid	<2.0
SB-28	FAY-SSASI-SB-28	0.0 - 0.5	11/29/2017	Perfluorohexane Sulfonic Acid	<2.0
SB-28	FAY-SSASI-SB-28	0.0 - 0.5	11/29/2017	Perfluorohexanoic Acid	<2.0
SB-28	FAY-SSASI-SB-28	0.0 - 0.5	11/29/2017	Perfluorononanoic Acid	<2.0
SB-28	FAY-SSASI-SB-28	0.0 - 0.5	11/29/2017	Perfluoropentanoic Acid	<2.0
SB-28	FAY-SSASI-SB-28	0.0 - 0.5	11/29/2017	Perfluorotetradecanoic Acid	<2.0
SB-28	FAY-SSASI-SB-28	0.0 - 0.5	11/29/2017	Perfluorotridecanoic Acid	<2.0
SB-28	FAY-SSASI-SB-28	0.0 - 0.5	11/29/2017	Perfluoroundecanoic Acid	<2.0
SB-28	FAY-SSASI-SB-28	0.0 - 0.5	11/29/2017	PFOA	<2.0
SB-28	FAY-SSASI-SB-28	0.0 - 0.5	11/29/2017	PFOS	9.0
SB-29	FAY-SSASI-SB-29	0.0 - 0.5	11/29/2017	HFPO Dimer Acid	73
SB-29	FAY-SSASI-SB-29	0.0 - 0.5	11/29/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
SB-29	FAY-SSASI-SB-29	0.0 - 0.5	11/29/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
SB-29	FAY-SSASI-SB-29	0.0 - 0.5	11/29/2017	Perfluorobutane Sulfonic Acid	<2.0
SB-29	FAY-SSASI-SB-29	0.0 - 0.5	11/29/2017	Perfluorodecanoic Acid	<2.0
SB-29	FAY-SSASI-SB-29	0.0 - 0.5	11/29/2017	Perfluorododecanoic Acid	<2.0
SB-29	FAY-SSASI-SB-29	0.0 - 0.5	11/29/2017	Perfluoroheptanoic Acid	<2.0
SB-29	FAY-SSASI-SB-29	0.0 - 0.5	11/29/2017	Perfluorohexane Sulfonic Acid	<2.0
SB-29	FAY-SSASI-SB-29	0.0 - 0.5	11/29/2017	Perfluorohexanoic Acid	<2.0
SB-29	FAY-SSASI-SB-29	0.0 - 0.5	11/29/2017	Perfluorononanoic Acid	2.7
SB-29	FAY-SSASI-SB-29	0.0 - 0.5	11/29/2017	Perfluoropentanoic Acid	2.1
SB-29	FAY-SSASI-SB-29	0.0 - 0.5	11/29/2017	Perfluorotetradecanoic Acid	<2.0

TABLE 8a
Soil Leachate PFAS - List 1 Concentrations
 Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Parameter Name	Result (ng/L)
SB-29	FAY-SSASI-SB-29	0.0 - 0.5	11/29/2017	Perfluorotridecanoic Acid	<2.0
SB-29	FAY-SSASI-SB-29	0.0 - 0.5	11/29/2017	Perfluoroundecanoic Acid	<2.0
SB-29	FAY-SSASI-SB-29	0.0 - 0.5	11/29/2017	PFOA	5.2
SB-29	FAY-SSASI-SB-29	0.0 - 0.5	11/29/2017	PFOS	7.5
SB-30	FAY-SSASI-SB-30	0.0 - 0.5	11/30/2017	HFPO Dimer Acid	55
SB-30	FAY-SSASI-SB-30	0.0 - 0.5	11/30/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
SB-30	FAY-SSASI-SB-30	0.0 - 0.5	11/30/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
SB-30	FAY-SSASI-SB-30	0.0 - 0.5	11/30/2017	Perfluorobutane Sulfonic Acid	<2.0
SB-30	FAY-SSASI-SB-30	0.0 - 0.5	11/30/2017	Perfluorodecanoic Acid	3.3
SB-30	FAY-SSASI-SB-30	0.0 - 0.5	11/30/2017	Perfluorododecanoic Acid	<2.0
SB-30	FAY-SSASI-SB-30	0.0 - 0.5	11/30/2017	Perfluoroheptanoic Acid	<2.0
SB-30	FAY-SSASI-SB-30	0.0 - 0.5	11/30/2017	Perfluorohexane Sulfonic Acid	<2.0
SB-30	FAY-SSASI-SB-30	0.0 - 0.5	11/30/2017	Perfluorohexanoic Acid	<2.0
SB-30	FAY-SSASI-SB-30	0.0 - 0.5	11/30/2017	Perfluorononanoic Acid	4.2
SB-30	FAY-SSASI-SB-30	0.0 - 0.5	11/30/2017	Perfluoropentanoic Acid	<2.0
SB-30	FAY-SSASI-SB-30	0.0 - 0.5	11/30/2017	Perfluorotetradecanoic Acid	<2.0
SB-30	FAY-SSASI-SB-30	0.0 - 0.5	11/30/2017	Perfluorotridecanoic Acid	<2.0
SB-30	FAY-SSASI-SB-30	0.0 - 0.5	11/30/2017	Perfluoroundecanoic Acid	<2.0
SB-30	FAY-SSASI-SB-30	0.0 - 0.5	11/30/2017	PFOA	<2.0
SB-30	FAY-SSASI-SB-30	0.0 - 0.5	11/30/2017	PFOS	3.4
SB-30	FAY-SSASI-SB-30-D	0.0 - 0.5	11/30/2017	HFPO Dimer Acid	50
SB-30	FAY-SSASI-SB-30-D	0.0 - 0.5	11/30/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
SB-30	FAY-SSASI-SB-30-D	0.0 - 0.5	11/30/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
SB-30	FAY-SSASI-SB-30-D	0.0 - 0.5	11/30/2017	Perfluorobutane Sulfonic Acid	<2.0
SB-30	FAY-SSASI-SB-30-D	0.0 - 0.5	11/30/2017	Perfluorodecanoic Acid	2.3
SB-30	FAY-SSASI-SB-30-D	0.0 - 0.5	11/30/2017	Perfluorododecanoic Acid	<2.0
SB-30	FAY-SSASI-SB-30-D	0.0 - 0.5	11/30/2017	Perfluoroheptanoic Acid	<2.0

TABLE 8a
Soil Leachate PFAS - List 1 Concentrations
 Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Parameter Name	Result (ng/L)
SB-30	FAY-SSASI-SB-30-D	0.0 - 0.5	11/30/2017	Perfluorohexane Sulfonic Acid	<2.0
SB-30	FAY-SSASI-SB-30-D	0.0 - 0.5	11/30/2017	Perfluorohexanoic Acid	<2.0
SB-30	FAY-SSASI-SB-30-D	0.0 - 0.5	11/30/2017	Perfluorononanoic Acid	<2.0
SB-30	FAY-SSASI-SB-30-D	0.0 - 0.5	11/30/2017	Perfluoropentanoic Acid	<2.0
SB-30	FAY-SSASI-SB-30-D	0.0 - 0.5	11/30/2017	Perfluorotetradecanoic Acid	<2.0
SB-30	FAY-SSASI-SB-30-D	0.0 - 0.5	11/30/2017	Perfluorotridecanoic Acid	<2.0
SB-30	FAY-SSASI-SB-30-D	0.0 - 0.5	11/30/2017	Perfluoroundecanoic Acid	<2.0
SB-30	FAY-SSASI-SB-30-D	0.0 - 0.5	11/30/2017	PFOA	<2.0
SB-30	FAY-SSASI-SB-30-D	0.0 - 0.5	11/30/2017	PFOS	<2.0
SB-31	FAY-SSASI-SB-31	0.0 - 0.5	11/30/2017	HFPO Dimer Acid	80
SB-31	FAY-SSASI-SB-31	0.0 - 0.5	11/30/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
SB-31	FAY-SSASI-SB-31	0.0 - 0.5	11/30/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
SB-31	FAY-SSASI-SB-31	0.0 - 0.5	11/30/2017	Perfluorobutane Sulfonic Acid	<2.0
SB-31	FAY-SSASI-SB-31	0.0 - 0.5	11/30/2017	Perfluorodecanoic Acid	<2.0
SB-31	FAY-SSASI-SB-31	0.0 - 0.5	11/30/2017	Perfluorododecanoic Acid	<2.0
SB-31	FAY-SSASI-SB-31	0.0 - 0.5	11/30/2017	Perfluoroheptanoic Acid	<2.0
SB-31	FAY-SSASI-SB-31	0.0 - 0.5	11/30/2017	Perfluorohexane Sulfonic Acid	<2.0
SB-31	FAY-SSASI-SB-31	0.0 - 0.5	11/30/2017	Perfluorohexanoic Acid	<2.0
SB-31	FAY-SSASI-SB-31	0.0 - 0.5	11/30/2017	Perfluorononanoic Acid	3.3
SB-31	FAY-SSASI-SB-31	0.0 - 0.5	11/30/2017	Perfluoropentanoic Acid	2.0
SB-31	FAY-SSASI-SB-31	0.0 - 0.5	11/30/2017	Perfluorotetradecanoic Acid	<2.0
SB-31	FAY-SSASI-SB-31	0.0 - 0.5	11/30/2017	Perfluorotridecanoic Acid	<2.0
SB-31	FAY-SSASI-SB-31	0.0 - 0.5	11/30/2017	Perfluoroundecanoic Acid	<2.0
SB-31	FAY-SSASI-SB-31	0.0 - 0.5	11/30/2017	PFOA	<2.0
SB-31	FAY-SSASI-SB-31	0.0 - 0.5	11/30/2017	PFOS	2.1
SB-32	FAY-SSASI-Sb-32(0.0-0.5)	0.0 - 0.5	12/01/2017	HFPO Dimer Acid	<10
SB-32	FAY-SSASI-Sb-32(0.0-0.5)	0.0 - 0.5	12/01/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20

TABLE 8a
Soil Leachate PFAS - List 1 Concentrations
 Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Parameter Name	Result (ng/L)
SB-32	FAY-SSASI-Sb-32(0.0-0.5)	0.0 - 0.5	12/01/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
SB-32	FAY-SSASI-Sb-32(0.0-0.5)	0.0 - 0.5	12/01/2017	Perfluorobutane Sulfonic Acid	<2.0
SB-32	FAY-SSASI-Sb-32(0.0-0.5)	0.0 - 0.5	12/01/2017	Perfluorodecanoic Acid	<2.0
SB-32	FAY-SSASI-Sb-32(0.0-0.5)	0.0 - 0.5	12/01/2017	Perfluorododecanoic Acid	<2.0
SB-32	FAY-SSASI-Sb-32(0.0-0.5)	0.0 - 0.5	12/01/2017	Perfluoroheptanoic Acid	<2.0
SB-32	FAY-SSASI-Sb-32(0.0-0.5)	0.0 - 0.5	12/01/2017	Perfluorohexane Sulfonic Acid	<2.0
SB-32	FAY-SSASI-Sb-32(0.0-0.5)	0.0 - 0.5	12/01/2017	Perfluorohexanoic Acid	<2.0
SB-32	FAY-SSASI-Sb-32(0.0-0.5)	0.0 - 0.5	12/01/2017	Perfluorononanoic Acid	8.6
SB-32	FAY-SSASI-Sb-32(0.0-0.5)	0.0 - 0.5	12/01/2017	Perfluoropentanoic Acid	<2.0
SB-32	FAY-SSASI-Sb-32(0.0-0.5)	0.0 - 0.5	12/01/2017	Perfluorotetradecanoic Acid	<2.0
SB-32	FAY-SSASI-Sb-32(0.0-0.5)	0.0 - 0.5	12/01/2017	Perfluorotridecanoic Acid	<2.0
SB-32	FAY-SSASI-Sb-32(0.0-0.5)	0.0 - 0.5	12/01/2017	Perfluoroundecanoic Acid	<2.0
SB-32	FAY-SSASI-Sb-32(0.0-0.5)	0.0 - 0.5	12/01/2017	PFOA	<2.0
SB-32	FAY-SSASI-Sb-32(0.0-0.5)	0.0 - 0.5	12/01/2017	PFOS	<2.0
SB-32	FAY-SSASI-Sb-32(4.5-5)	4.5 - 5.0	12/01/2017	HFPO Dimer Acid	11
SB-32	FAY-SSASI-Sb-32(4.5-5)	4.5 - 5.0	12/01/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
SB-32	FAY-SSASI-Sb-32(4.5-5)	4.5 - 5.0	12/01/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
SB-32	FAY-SSASI-Sb-32(4.5-5)	4.5 - 5.0	12/01/2017	Perfluorobutane Sulfonic Acid	<2.0
SB-32	FAY-SSASI-Sb-32(4.5-5)	4.5 - 5.0	12/01/2017	Perfluorodecanoic Acid	3.8
SB-32	FAY-SSASI-Sb-32(4.5-5)	4.5 - 5.0	12/01/2017	Perfluorododecanoic Acid	<2.0
SB-32	FAY-SSASI-Sb-32(4.5-5)	4.5 - 5.0	12/01/2017	Perfluoroheptanoic Acid	<2.0
SB-32	FAY-SSASI-Sb-32(4.5-5)	4.5 - 5.0	12/01/2017	Perfluorohexane Sulfonic Acid	<2.0
SB-32	FAY-SSASI-Sb-32(4.5-5)	4.5 - 5.0	12/01/2017	Perfluorohexanoic Acid	<2.0
SB-32	FAY-SSASI-Sb-32(4.5-5)	4.5 - 5.0	12/01/2017	Perfluorononanoic Acid	2.6
SB-32	FAY-SSASI-Sb-32(4.5-5)	4.5 - 5.0	12/01/2017	Perfluoropentanoic Acid	<2.0
SB-32	FAY-SSASI-Sb-32(4.5-5)	4.5 - 5.0	12/01/2017	Perfluorotetradecanoic Acid	<2.0
SB-32	FAY-SSASI-Sb-32(4.5-5)	4.5 - 5.0	12/01/2017	Perfluorotridecanoic Acid	<2.0

TABLE 8a
Soil Leachate PFAS - List 1 Concentrations
 Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Parameter Name	Result (ng/L)
SB-32	FAY-SSASI-Sb-32(4.5-5)	4.5 - 5.0	12/01/2017	Perfluoroundecanoic Acid	3.4
SB-32	FAY-SSASI-Sb-32(4.5-5)	4.5 - 5.0	12/01/2017	PFOA	<2.0
SB-32	FAY-SSASI-Sb-32(4.5-5)	4.5 - 5.0	12/01/2017	PFOS	<2.0
SB-32	FAY-SSASI-Sb-32(9.5-10)	9.5 - 10.0	12/01/2017	HFPO Dimer Acid	30
SB-32	FAY-SSASI-Sb-32(9.5-10)	9.5 - 10.0	12/01/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<20
SB-32	FAY-SSASI-Sb-32(9.5-10)	9.5 - 10.0	12/01/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<20
SB-32	FAY-SSASI-Sb-32(9.5-10)	9.5 - 10.0	12/01/2017	Perfluorobutane Sulfonic Acid	<2.0
SB-32	FAY-SSASI-Sb-32(9.5-10)	9.5 - 10.0	12/01/2017	Perfluorodecanoic Acid	<2.0
SB-32	FAY-SSASI-Sb-32(9.5-10)	9.5 - 10.0	12/01/2017	Perfluorododecanoic Acid	<2.0
SB-32	FAY-SSASI-Sb-32(9.5-10)	9.5 - 10.0	12/01/2017	Perfluoroheptanoic Acid	<2.0
SB-32	FAY-SSASI-Sb-32(9.5-10)	9.5 - 10.0	12/01/2017	Perfluorohexane Sulfonic Acid	<2.0
SB-32	FAY-SSASI-Sb-32(9.5-10)	9.5 - 10.0	12/01/2017	Perfluorohexanoic Acid	<2.0
SB-32	FAY-SSASI-Sb-32(9.5-10)	9.5 - 10.0	12/01/2017	Perfluorononanoic Acid	<2.0
SB-32	FAY-SSASI-Sb-32(9.5-10)	9.5 - 10.0	12/01/2017	Perfluoropentanoic Acid	<2.0
SB-32	FAY-SSASI-Sb-32(9.5-10)	9.5 - 10.0	12/01/2017	Perfluorotetradecanoic Acid	<2.0
SB-32	FAY-SSASI-Sb-32(9.5-10)	9.5 - 10.0	12/01/2017	Perfluorotridecanoic Acid	<2.0
SB-32	FAY-SSASI-Sb-32(9.5-10)	9.5 - 10.0	12/01/2017	Perfluoroundecanoic Acid	<2.0
SB-32	FAY-SSASI-Sb-32(9.5-10)	9.5 - 10.0	12/01/2017	PFOA	<2.0
SB-32	FAY-SSASI-Sb-32(9.5-10)	9.5 - 10.0	12/01/2017	PFOS	<2.0

Notes: bgs = below ground surface

ng/L = nanograms per liter

J = estimated value

< = less than indicated reporting limit

 detections are highlighted

January 2018

Permit No. NCD047368642-R1

TABLE 9
Soil Total PFAS - List 1 Concentrations
 Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Parameter Name	Result (ng/kg)
SB-01	FAY-SSASI-Sb-01(4.5-5)	4.5 - 5.0	12/01/2017	HFPO Dimer Acid	<1300
SB-01	FAY-SSASI-Sb-01(4.5-5)	4.5 - 5.0	12/01/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<2000 J
SB-01	FAY-SSASI-Sb-01(4.5-5)	4.5 - 5.0	12/01/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<2000 J
SB-01	FAY-SSASI-Sb-01(4.5-5)	4.5 - 5.0	12/01/2017	Perfluorobutane Sulfonic Acid	<200 J
SB-01	FAY-SSASI-Sb-01(4.5-5)	4.5 - 5.0	12/01/2017	Perfluorodecanoic Acid	<200 J
SB-01	FAY-SSASI-Sb-01(4.5-5)	4.5 - 5.0	12/01/2017	Perfluorododecanoic Acid	<200 J
SB-01	FAY-SSASI-Sb-01(4.5-5)	4.5 - 5.0	12/01/2017	Perfluoroheptanoic Acid	<200 J
SB-01	FAY-SSASI-Sb-01(4.5-5)	4.5 - 5.0	12/01/2017	Perfluorohexane Sulfonic Acid	<200 J
SB-01	FAY-SSASI-Sb-01(4.5-5)	4.5 - 5.0	12/01/2017	Perfluorohexanoic Acid	<200 J
SB-01	FAY-SSASI-Sb-01(4.5-5)	4.5 - 5.0	12/01/2017	Perfluorononanoic Acid	<200 J
SB-01	FAY-SSASI-Sb-01(4.5-5)	4.5 - 5.0	12/01/2017	Perfluoropentanoic Acid	<200 J
SB-01	FAY-SSASI-Sb-01(4.5-5)	4.5 - 5.0	12/01/2017	Perfluorotetradecanoic Acid	<200 J
SB-01	FAY-SSASI-Sb-01(4.5-5)	4.5 - 5.0	12/01/2017	Perfluorotridecanoic Acid	<200 J
SB-01	FAY-SSASI-Sb-01(4.5-5)	4.5 - 5.0	12/01/2017	Perfluoroundecanoic Acid	<200 J
SB-01	FAY-SSASI-Sb-01(4.5-5)	4.5 - 5.0	12/01/2017	PFOA	<200 J
SB-01	FAY-SSASI-Sb-01(4.5-5)	4.5 - 5.0	12/01/2017	PFOS	<230 J
SB-01	FAY-SSASI-Sb-01(9.5-10)	9.5 - 10.0	12/01/2017	HFPO Dimer Acid	<1300
SB-01	FAY-SSASI-Sb-01(9.5-10)	9.5 - 10.0	12/01/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<2000 J
SB-01	FAY-SSASI-Sb-01(9.5-10)	9.5 - 10.0	12/01/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<2000 J
SB-01	FAY-SSASI-Sb-01(9.5-10)	9.5 - 10.0	12/01/2017	Perfluorobutane Sulfonic Acid	<200 J
SB-01	FAY-SSASI-Sb-01(9.5-10)	9.5 - 10.0	12/01/2017	Perfluorodecanoic Acid	<200 J
SB-01	FAY-SSASI-Sb-01(9.5-10)	9.5 - 10.0	12/01/2017	Perfluorododecanoic Acid	<200 J
SB-01	FAY-SSASI-Sb-01(9.5-10)	9.5 - 10.0	12/01/2017	Perfluoroheptanoic Acid	<200 J
SB-01	FAY-SSASI-Sb-01(9.5-10)	9.5 - 10.0	12/01/2017	Perfluorohexane Sulfonic Acid	<200 J
SB-01	FAY-SSASI-Sb-01(9.5-10)	9.5 - 10.0	12/01/2017	Perfluorohexanoic Acid	<200 J
SB-01	FAY-SSASI-Sb-01(9.5-10)	9.5 - 10.0	12/01/2017	Perfluorononanoic Acid	<200 J
SB-01	FAY-SSASI-Sb-01(9.5-10)	9.5 - 10.0	12/01/2017	Perfluoropentanoic Acid	<200 J

TABLE 9
Soil Total PFAS - List 1 Concentrations
 Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Parameter Name	Result (ng/kg)
SB-01	FAY-SSASI-Sb-01(9.5-10)	9.5 - 10.0	12/01/2017	Perfluorotetradecanoic Acid	<200 J
SB-01	FAY-SSASI-Sb-01(9.5-10)	9.5 - 10.0	12/01/2017	Perfluorotridecanoic Acid	<200 J
SB-01	FAY-SSASI-Sb-01(9.5-10)	9.5 - 10.0	12/01/2017	Perfluoroundecanoic Acid	<200 J
SB-01	FAY-SSASI-Sb-01(9.5-10)	9.5 - 10.0	12/01/2017	PFOA	<200 J
SB-01	FAY-SSASI-Sb-01(9.5-10)	9.5 - 10.0	12/01/2017	PFOS	<210 J
SB-05	FAY-SSASI-SB-05	0.0 - 0.5	11/27/2017	HFPO Dimer Acid	39,000 J
SB-05	FAY-SSASI-SB-05	0.0 - 0.5	11/27/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<2000 J
SB-05	FAY-SSASI-SB-05	0.0 - 0.5	11/27/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<2000 J
SB-05	FAY-SSASI-SB-05	0.0 - 0.5	11/27/2017	Perfluorobutane Sulfonic Acid	<200 J
SB-05	FAY-SSASI-SB-05	0.0 - 0.5	11/27/2017	Perfluorodecanoic Acid	<200 J
SB-05	FAY-SSASI-SB-05	0.0 - 0.5	11/27/2017	Perfluorododecanoic Acid	<200 J
SB-05	FAY-SSASI-SB-05	0.0 - 0.5	11/27/2017	Perfluoroheptanoic Acid	<200 J
SB-05	FAY-SSASI-SB-05	0.0 - 0.5	11/27/2017	Perfluorohexane Sulfonic Acid	<200 J
SB-05	FAY-SSASI-SB-05	0.0 - 0.5	11/27/2017	Perfluorohexanoic Acid	310 J
SB-05	FAY-SSASI-SB-05	0.0 - 0.5	11/27/2017	Perfluorononanoic Acid	<200 J
SB-05	FAY-SSASI-SB-05	0.0 - 0.5	11/27/2017	Perfluoropentanoic Acid	<200 J
SB-05	FAY-SSASI-SB-05	0.0 - 0.5	11/27/2017	Perfluorotetradecanoic Acid	<200 J
SB-05	FAY-SSASI-SB-05	0.0 - 0.5	11/27/2017	Perfluorotridecanoic Acid	<200 J
SB-05	FAY-SSASI-SB-05	0.0 - 0.5	11/27/2017	Perfluoroundecanoic Acid	420 J
SB-05	FAY-SSASI-SB-05	0.0 - 0.5	11/27/2017	PFOA	<200 J
SB-05	FAY-SSASI-SB-05	0.0 - 0.5	11/27/2017	PFOS	<220 J
SB-09	FAY-SSASI-SB-09(4.5-5)	4.5 - 5.0	11/30/2017	HFPO Dimer Acid	<1300
SB-09	FAY-SSASI-SB-09(4.5-5)	4.5 - 5.0	11/30/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<2000 J
SB-09	FAY-SSASI-SB-09(4.5-5)	4.5 - 5.0	11/30/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<2000 J
SB-09	FAY-SSASI-SB-09(4.5-5)	4.5 - 5.0	11/30/2017	Perfluorobutane Sulfonic Acid	<200 J
SB-09	FAY-SSASI-SB-09(4.5-5)	4.5 - 5.0	11/30/2017	Perfluorodecanoic Acid	<200 J
SB-09	FAY-SSASI-SB-09(4.5-5)	4.5 - 5.0	11/30/2017	Perfluorododecanoic Acid	<200 J

TABLE 9
Soil Total PFAS - List 1 Concentrations
 Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Parameter Name	Result (ng/kg)
SB-09	FAY-SSASI-SB-09(4.5-5)	4.5 - 5.0	11/30/2017	Perfluoroheptanoic Acid	<200 J
SB-09	FAY-SSASI-SB-09(4.5-5)	4.5 - 5.0	11/30/2017	Perfluorohexane Sulfonic Acid	<200 J
SB-09	FAY-SSASI-SB-09(4.5-5)	4.5 - 5.0	11/30/2017	Perfluorohexanoic Acid	<200 J
SB-09	FAY-SSASI-SB-09(4.5-5)	4.5 - 5.0	11/30/2017	Perfluorononanoic Acid	<200 J
SB-09	FAY-SSASI-SB-09(4.5-5)	4.5 - 5.0	11/30/2017	Perfluoropentanoic Acid	<200 J
SB-09	FAY-SSASI-SB-09(4.5-5)	4.5 - 5.0	11/30/2017	Perfluorotetradecanoic Acid	<200 J
SB-09	FAY-SSASI-SB-09(4.5-5)	4.5 - 5.0	11/30/2017	Perfluorotridecanoic Acid	<200 J
SB-09	FAY-SSASI-SB-09(4.5-5)	4.5 - 5.0	11/30/2017	Perfluoroundecanoic Acid	<200 J
SB-09	FAY-SSASI-SB-09(4.5-5)	4.5 - 5.0	11/30/2017	PFOA	230 J
SB-09	FAY-SSASI-SB-09(4.5-5)	4.5 - 5.0	11/30/2017	PFOS	<250 J
SB-09	FAY-SSASI-SB-09(9.5-10)	9.5 - 10.0	11/30/2017	HFPO Dimer Acid	28,000
SB-09	FAY-SSASI-SB-09(9.5-10)	9.5 - 10.0	11/30/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<2000 J
SB-09	FAY-SSASI-SB-09(9.5-10)	9.5 - 10.0	11/30/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<2000 J
SB-09	FAY-SSASI-SB-09(9.5-10)	9.5 - 10.0	11/30/2017	Perfluorobutane Sulfonic Acid	<200 J
SB-09	FAY-SSASI-SB-09(9.5-10)	9.5 - 10.0	11/30/2017	Perfluorodecanoic Acid	<200 J
SB-09	FAY-SSASI-SB-09(9.5-10)	9.5 - 10.0	11/30/2017	Perfluorododecanoic Acid	<200 J
SB-09	FAY-SSASI-SB-09(9.5-10)	9.5 - 10.0	11/30/2017	Perfluoroheptanoic Acid	<200 J
SB-09	FAY-SSASI-SB-09(9.5-10)	9.5 - 10.0	11/30/2017	Perfluorohexane Sulfonic Acid	<200 J
SB-09	FAY-SSASI-SB-09(9.5-10)	9.5 - 10.0	11/30/2017	Perfluorohexanoic Acid	<200 J
SB-09	FAY-SSASI-SB-09(9.5-10)	9.5 - 10.0	11/30/2017	Perfluorononanoic Acid	<200 J
SB-09	FAY-SSASI-SB-09(9.5-10)	9.5 - 10.0	11/30/2017	Perfluoropentanoic Acid	<200 J
SB-09	FAY-SSASI-SB-09(9.5-10)	9.5 - 10.0	11/30/2017	Perfluorotetradecanoic Acid	<200 J
SB-09	FAY-SSASI-SB-09(9.5-10)	9.5 - 10.0	11/30/2017	Perfluorotridecanoic Acid	<200 J
SB-09	FAY-SSASI-SB-09(9.5-10)	9.5 - 10.0	11/30/2017	Perfluoroundecanoic Acid	<200 J
SB-09	FAY-SSASI-SB-09(9.5-10)	9.5 - 10.0	11/30/2017	PFOA	<200 J
SB-09	FAY-SSASI-SB-09(9.5-10)	9.5 - 10.0	11/30/2017	PFOS	<220 J
SB-10	FAY-SSASI-SB-10	0.0 - 0.5	11/28/2017	HFPO Dimer Acid	5600

TABLE 9
Soil Total PFAS - List 1 Concentrations
 Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Parameter Name	Result (ng/kg)
SB-10	FAY-SSASI-SB-10	0.0 - 0.5	11/28/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<2000
SB-10	FAY-SSASI-SB-10	0.0 - 0.5	11/28/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<2000
SB-10	FAY-SSASI-SB-10	0.0 - 0.5	11/28/2017	Perfluorobutane Sulfonic Acid	<200
SB-10	FAY-SSASI-SB-10	0.0 - 0.5	11/28/2017	Perfluorodecanoic Acid	<200
SB-10	FAY-SSASI-SB-10	0.0 - 0.5	11/28/2017	Perfluorododecanoic Acid	<200
SB-10	FAY-SSASI-SB-10	0.0 - 0.5	11/28/2017	Perfluoroheptanoic Acid	<200
SB-10	FAY-SSASI-SB-10	0.0 - 0.5	11/28/2017	Perfluorohexane Sulfonic Acid	<200
SB-10	FAY-SSASI-SB-10	0.0 - 0.5	11/28/2017	Perfluorohexanoic Acid	<200
SB-10	FAY-SSASI-SB-10	0.0 - 0.5	11/28/2017	Perfluorononanoic Acid	<200
SB-10	FAY-SSASI-SB-10	0.0 - 0.5	11/28/2017	Perfluoropentanoic Acid	<200
SB-10	FAY-SSASI-SB-10	0.0 - 0.5	11/28/2017	Perfluorotetradecanoic Acid	<200
SB-10	FAY-SSASI-SB-10	0.0 - 0.5	11/28/2017	Perfluorotridecanoic Acid	<200
SB-10	FAY-SSASI-SB-10	0.0 - 0.5	11/28/2017	Perfluoroundecanoic Acid	<200
SB-10	FAY-SSASI-SB-10	0.0 - 0.5	11/28/2017	PFOA	520
SB-10	FAY-SSASI-SB-10	0.0 - 0.5	11/28/2017	PFOS	230
SB-15	FAY-SSASI-SB-15	0.0 - 0.5	11/29/2017	HFPO Dimer Acid	20,000
SB-15	FAY-SSASI-SB-15	0.0 - 0.5	11/29/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<2000
SB-15	FAY-SSASI-SB-15	0.0 - 0.5	11/29/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<2000
SB-15	FAY-SSASI-SB-15	0.0 - 0.5	11/29/2017	Perfluorobutane Sulfonic Acid	<200
SB-15	FAY-SSASI-SB-15	0.0 - 0.5	11/29/2017	Perfluorodecanoic Acid	<200
SB-15	FAY-SSASI-SB-15	0.0 - 0.5	11/29/2017	Perfluorododecanoic Acid	220
SB-15	FAY-SSASI-SB-15	0.0 - 0.5	11/29/2017	Perfluoroheptanoic Acid	<200
SB-15	FAY-SSASI-SB-15	0.0 - 0.5	11/29/2017	Perfluorohexane Sulfonic Acid	<200
SB-15	FAY-SSASI-SB-15	0.0 - 0.5	11/29/2017	Perfluorohexanoic Acid	<200
SB-15	FAY-SSASI-SB-15	0.0 - 0.5	11/29/2017	Perfluorononanoic Acid	<200
SB-15	FAY-SSASI-SB-15	0.0 - 0.5	11/29/2017	Perfluoropentanoic Acid	600
SB-15	FAY-SSASI-SB-15	0.0 - 0.5	11/29/2017	Perfluorotetradecanoic Acid	<200

TABLE 9
Soil Total PFAS - List 1 Concentrations
 Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Parameter Name	Result (ng/kg)
SB-15	FAY-SSASI-SB-15	0.0 - 0.5	11/29/2017	Perfluorotridecanoic Acid	210
SB-15	FAY-SSASI-SB-15	0.0 - 0.5	11/29/2017	Perfluoroundecanoic Acid	620
SB-15	FAY-SSASI-SB-15	0.0 - 0.5	11/29/2017	PFOA	<200
SB-15	FAY-SSASI-SB-15	0.0 - 0.5	11/29/2017	PFOS	<210
SB-15	FAY-SSASI-SB-15-D	0.0 - 0.5	11/29/2017	HFPO Dimer Acid	18,000
SB-15	FAY-SSASI-SB-15-D	0.0 - 0.5	11/29/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<2000
SB-15	FAY-SSASI-SB-15-D	0.0 - 0.5	11/29/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<2000
SB-15	FAY-SSASI-SB-15-D	0.0 - 0.5	11/29/2017	Perfluorobutane Sulfonic Acid	<200
SB-15	FAY-SSASI-SB-15-D	0.0 - 0.5	11/29/2017	Perfluorodecanoic Acid	<200
SB-15	FAY-SSASI-SB-15-D	0.0 - 0.5	11/29/2017	Perfluorododecanoic Acid	320
SB-15	FAY-SSASI-SB-15-D	0.0 - 0.5	11/29/2017	Perfluoroheptanoic Acid	<200
SB-15	FAY-SSASI-SB-15-D	0.0 - 0.5	11/29/2017	Perfluorohexane Sulfonic Acid	<200
SB-15	FAY-SSASI-SB-15-D	0.0 - 0.5	11/29/2017	Perfluorohexanoic Acid	<200
SB-15	FAY-SSASI-SB-15-D	0.0 - 0.5	11/29/2017	Perfluorononanoic Acid	<200
SB-15	FAY-SSASI-SB-15-D	0.0 - 0.5	11/29/2017	Perfluoropentanoic Acid	490
SB-15	FAY-SSASI-SB-15-D	0.0 - 0.5	11/29/2017	Perfluorotetradecanoic Acid	<200
SB-15	FAY-SSASI-SB-15-D	0.0 - 0.5	11/29/2017	Perfluorotridecanoic Acid	360
SB-15	FAY-SSASI-SB-15-D	0.0 - 0.5	11/29/2017	Perfluoroundecanoic Acid	1000
SB-15	FAY-SSASI-SB-15-D	0.0 - 0.5	11/29/2017	PFOA	<200
SB-15	FAY-SSASI-SB-15-D	0.0 - 0.5	11/29/2017	PFOS	<210
SB-20	FAY-SSASI-SB-20	0.0 - 0.5	11/29/2017	HFPO Dimer Acid	1500
SB-20	FAY-SSASI-SB-20	0.0 - 0.5	11/29/2017	Hfpo Dimer Acid (trial)	1500
SB-20	FAY-SSASI-SB-20	0.0 - 0.5	11/29/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<2000
SB-20	FAY-SSASI-SB-20	0.0 - 0.5	11/29/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<2000
SB-20	FAY-SSASI-SB-20	0.0 - 0.5	11/29/2017	Perfluorobutane Sulfonic Acid	<200
SB-20	FAY-SSASI-SB-20	0.0 - 0.5	11/29/2017	Perfluorodecanoic Acid	<200
SB-20	FAY-SSASI-SB-20	0.0 - 0.5	11/29/2017	Perfluorododecanoic Acid	<200

TABLE 9
Soil Total PFAS - List 1 Concentrations
 Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Parameter Name	Result (ng/kg)
SB-20	FAY-SSASI-SB-20	0.0 - 0.5	11/29/2017	Perfluoroheptanoic Acid	<200
SB-20	FAY-SSASI-SB-20	0.0 - 0.5	11/29/2017	Perfluorohexane Sulfonic Acid	<200
SB-20	FAY-SSASI-SB-20	0.0 - 0.5	11/29/2017	Perfluorohexanoic Acid	<200
SB-20	FAY-SSASI-SB-20	0.0 - 0.5	11/29/2017	Perfluorononanoic Acid	<200
SB-20	FAY-SSASI-SB-20	0.0 - 0.5	11/29/2017	Perfluoropentanoic Acid	800 J
SB-20	FAY-SSASI-SB-20	0.0 - 0.5	11/29/2017	Perfluorotetradecanoic Acid	<200
SB-20	FAY-SSASI-SB-20	0.0 - 0.5	11/29/2017	Perfluorotridecanoic Acid	<200
SB-20	FAY-SSASI-SB-20	0.0 - 0.5	11/29/2017	Perfluoroundecanoic Acid	<200
SB-20	FAY-SSASI-SB-20	0.0 - 0.5	11/29/2017	PFOA	670 J
SB-20	FAY-SSASI-SB-20	0.0 - 0.5	11/29/2017	PFOS	390 J
SB-25	FAY-SSASI-SB-25	0.0 - 0.5	11/29/2017	HFPO Dimer Acid	3100
SB-25	FAY-SSASI-SB-25	0.0 - 0.5	11/29/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<2000 J
SB-25	FAY-SSASI-SB-25	0.0 - 0.5	11/29/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<2000 J
SB-25	FAY-SSASI-SB-25	0.0 - 0.5	11/29/2017	Perfluorobutane Sulfonic Acid	<200 J
SB-25	FAY-SSASI-SB-25	0.0 - 0.5	11/29/2017	Perfluorodecanoic Acid	<200 J
SB-25	FAY-SSASI-SB-25	0.0 - 0.5	11/29/2017	Perfluorododecanoic Acid	<200 J
SB-25	FAY-SSASI-SB-25	0.0 - 0.5	11/29/2017	Perfluoroheptanoic Acid	<200 J
SB-25	FAY-SSASI-SB-25	0.0 - 0.5	11/29/2017	Perfluorohexane Sulfonic Acid	<200 J
SB-25	FAY-SSASI-SB-25	0.0 - 0.5	11/29/2017	Perfluorohexanoic Acid	<200 J
SB-25	FAY-SSASI-SB-25	0.0 - 0.5	11/29/2017	Perfluorononanoic Acid	<200 J
SB-25	FAY-SSASI-SB-25	0.0 - 0.5	11/29/2017	Perfluoropentanoic Acid	200 J
SB-25	FAY-SSASI-SB-25	0.0 - 0.5	11/29/2017	Perfluorotetradecanoic Acid	<200 J
SB-25	FAY-SSASI-SB-25	0.0 - 0.5	11/29/2017	Perfluorotridecanoic Acid	<200 J
SB-25	FAY-SSASI-SB-25	0.0 - 0.5	11/29/2017	Perfluoroundecanoic Acid	<200 J
SB-25	FAY-SSASI-SB-25	0.0 - 0.5	11/29/2017	PFOA	<200 J
SB-25	FAY-SSASI-SB-25	0.0 - 0.5	11/29/2017	PFOS	<220 J
SB-32	FAY-SSASI-SB-32(0.0-0.5)	0.0 - 0.5	12/01/2017	HFPO Dimer Acid	<1300

TABLE 9
Soil Total PFAS - List 1 Concentrations
 Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Parameter Name	Result (ng/kg)
SB-32	FAY-SSASI-Sb-32(0.0-0.5)	0.0 - 0.5	12/01/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<2000
SB-32	FAY-SSASI-Sb-32(0.0-0.5)	0.0 - 0.5	12/01/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<2000
SB-32	FAY-SSASI-Sb-32(0.0-0.5)	0.0 - 0.5	12/01/2017	Perfluorobutane Sulfonic Acid	<200
SB-32	FAY-SSASI-Sb-32(0.0-0.5)	0.0 - 0.5	12/01/2017	Perfluorodecanoic Acid	<200
SB-32	FAY-SSASI-Sb-32(0.0-0.5)	0.0 - 0.5	12/01/2017	Perfluorododecanoic Acid	<200
SB-32	FAY-SSASI-Sb-32(0.0-0.5)	0.0 - 0.5	12/01/2017	Perfluoroheptanoic Acid	<200
SB-32	FAY-SSASI-Sb-32(0.0-0.5)	0.0 - 0.5	12/01/2017	Perfluorohexane Sulfonic Acid	<200
SB-32	FAY-SSASI-Sb-32(0.0-0.5)	0.0 - 0.5	12/01/2017	Perfluorohexanoic Acid	<200
SB-32	FAY-SSASI-Sb-32(0.0-0.5)	0.0 - 0.5	12/01/2017	Perfluorononanoic Acid	230
SB-32	FAY-SSASI-Sb-32(0.0-0.5)	0.0 - 0.5	12/01/2017	Perfluoropentanoic Acid	<200
SB-32	FAY-SSASI-Sb-32(0.0-0.5)	0.0 - 0.5	12/01/2017	Perfluorotetradecanoic Acid	<200
SB-32	FAY-SSASI-Sb-32(0.0-0.5)	0.0 - 0.5	12/01/2017	Perfluorotridecanoic Acid	<200
SB-32	FAY-SSASI-Sb-32(0.0-0.5)	0.0 - 0.5	12/01/2017	Perfluoroundecanoic Acid	<200
SB-32	FAY-SSASI-Sb-32(0.0-0.5)	0.0 - 0.5	12/01/2017	PFOA	<200
SB-32	FAY-SSASI-Sb-32(0.0-0.5)	0.0 - 0.5	12/01/2017	PFOS	<230
SB-32	FAY-SSASI-Sb-32(4.5-5)	4.5 - 5.0	12/01/2017	HFPO Dimer Acid	<1300
SB-32	FAY-SSASI-Sb-32(4.5-5)	4.5 - 5.0	12/01/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<2000
SB-32	FAY-SSASI-Sb-32(4.5-5)	4.5 - 5.0	12/01/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<2000
SB-32	FAY-SSASI-Sb-32(4.5-5)	4.5 - 5.0	12/01/2017	Perfluorobutane Sulfonic Acid	<200
SB-32	FAY-SSASI-Sb-32(4.5-5)	4.5 - 5.0	12/01/2017	Perfluorodecanoic Acid	210 J
SB-32	FAY-SSASI-Sb-32(4.5-5)	4.5 - 5.0	12/01/2017	Perfluorododecanoic Acid	<200
SB-32	FAY-SSASI-Sb-32(4.5-5)	4.5 - 5.0	12/01/2017	Perfluoroheptanoic Acid	<200
SB-32	FAY-SSASI-Sb-32(4.5-5)	4.5 - 5.0	12/01/2017	Perfluorohexane Sulfonic Acid	<200
SB-32	FAY-SSASI-Sb-32(4.5-5)	4.5 - 5.0	12/01/2017	Perfluorohexanoic Acid	<200
SB-32	FAY-SSASI-Sb-32(4.5-5)	4.5 - 5.0	12/01/2017	Perfluorononanoic Acid	<200
SB-32	FAY-SSASI-Sb-32(4.5-5)	4.5 - 5.0	12/01/2017	Perfluoropentanoic Acid	200 J
SB-32	FAY-SSASI-Sb-32(4.5-5)	4.5 - 5.0	12/01/2017	Perfluorotetradecanoic Acid	<200

TABLE 9
Soil Total PFAS - List 1 Concentrations
 Additional Site Investigation Report
 Chemours Fayetteville Works
 Fayetteville, North Carolina

Location ID	Field Sample ID	Sample Depth Interval (feet bgs)	Sample Date	Parameter Name	Result (ng/kg)
SB-32	FAY-SSASI-Sb-32(4.5-5)	4.5 - 5.0	12/01/2017	Perfluorotridecanoic Acid	260 J
SB-32	FAY-SSASI-Sb-32(4.5-5)	4.5 - 5.0	12/01/2017	Perfluoroundecanoic Acid	570 J
SB-32	FAY-SSASI-Sb-32(4.5-5)	4.5 - 5.0	12/01/2017	PFOA	<200
SB-32	FAY-SSASI-Sb-32(4.5-5)	4.5 - 5.0	12/01/2017	PFOS	230 J
SB-32	FAY-SSASI-Sb-32(9.5-10)	9.5 - 10.0	12/01/2017	HFPO Dimer Acid	<1300
SB-32	FAY-SSASI-Sb-32(9.5-10)	9.5 - 10.0	12/01/2017	N-ethyl perfluorooctane sulfonamidoacetic acid	<2000
SB-32	FAY-SSASI-Sb-32(9.5-10)	9.5 - 10.0	12/01/2017	N-methyl perfluorooctane sulfonamidoacetic acid	<2000
SB-32	FAY-SSASI-Sb-32(9.5-10)	9.5 - 10.0	12/01/2017	Perfluorobutane Sulfonic Acid	<200
SB-32	FAY-SSASI-Sb-32(9.5-10)	9.5 - 10.0	12/01/2017	Perfluorodecanoic Acid	<200
SB-32	FAY-SSASI-Sb-32(9.5-10)	9.5 - 10.0	12/01/2017	Perfluorododecanoic Acid	<200
SB-32	FAY-SSASI-Sb-32(9.5-10)	9.5 - 10.0	12/01/2017	Perfluoroheptanoic Acid	<200
SB-32	FAY-SSASI-Sb-32(9.5-10)	9.5 - 10.0	12/01/2017	Perfluorohexane Sulfonic Acid	<200
SB-32	FAY-SSASI-Sb-32(9.5-10)	9.5 - 10.0	12/01/2017	Perfluorohexanoic Acid	<200
SB-32	FAY-SSASI-Sb-32(9.5-10)	9.5 - 10.0	12/01/2017	Perfluorononanoic Acid	<200
SB-32	FAY-SSASI-Sb-32(9.5-10)	9.5 - 10.0	12/01/2017	Perfluoropentanoic Acid	<200
SB-32	FAY-SSASI-Sb-32(9.5-10)	9.5 - 10.0	12/01/2017	Perfluorotetradecanoic Acid	<200
SB-32	FAY-SSASI-Sb-32(9.5-10)	9.5 - 10.0	12/01/2017	Perfluorotridecanoic Acid	<200
SB-32	FAY-SSASI-Sb-32(9.5-10)	9.5 - 10.0	12/01/2017	Perfluoroundecanoic Acid	<200
SB-32	FAY-SSASI-Sb-32(9.5-10)	9.5 - 10.0	12/01/2017	PFOA	<200
SB-32	FAY-SSASI-Sb-32(9.5-10)	9.5 - 10.0	12/01/2017	PFOS	<250

Notes: bgs = below ground surface

ng/kg = nanograms per kilogram

J = estimated value

< = less than indicated reporting limit

detections are highlighted

**APPENDIX A
LABORATORY ANALYTICAL REPORTS
(PROVIDED ELECTRONICALLY ON ATTACHED CD)**

APPENDIX B BORING LOGS

APPENDIX C

HYDROGEOLOGIC TESTING ANALYSIS REPORTS

